



1986-1987

THE CATALOG: AN INFORMATION BOOK

The Clayton State College Catalog is designed to provide information about the College's policies, degree programs, course offerings, services, faculty, and facilities. **Statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and this institution.**

While the provisions of the College Catalog will ordinarily be applied as stated, Clayton State College reserves the right to change any provision listed — including but not limited to academic requirements for graduation — without actual notice to individual students. Every effort will be made to keep students advised about all changes, and information on changes will be available in the Office of Admissions and Records. **It is especially important that each student note that it is his/her responsibility to remain apprised of current graduation requirements for particular degree programs.**

CLAYTON STATE COLLEGE

An Institution of the University System of Georgia

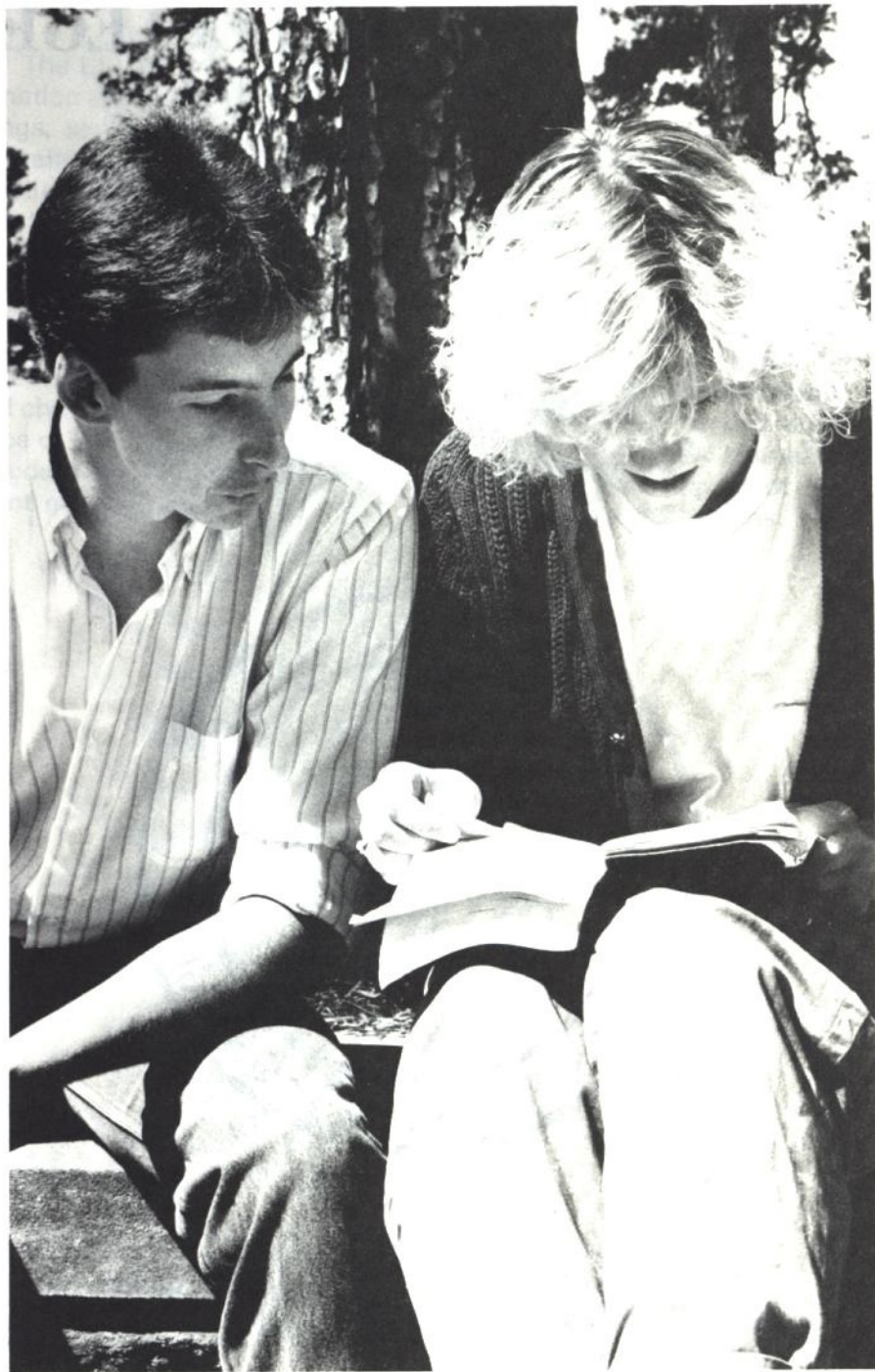
Serving South Metropolitan Atlanta

1986-87 CATALOG Volume 17, Number 1



An Affirmative Action/Equal Opportunity Institution

Clayton State College does not discriminate in educational programs, activities, or employment on the basis of age, race, color, national origin, sex or handicap.



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CLAYTON STATE COLLEGE

A DEVELOPING SENIOR COLLEGE

After 17 years of serving a dynamic and growing South Metropolitan Atlanta community as Clayton Junior College, Clayton will become the newest senior college in the University System of Georgia. The College's new name — CLAYTON STATE COLLEGE — reflects its expanded mission.

In response to the needs of its community, Clayton State College will be a uniquely comprehensive senior college. Degree program options will range from a baccalaureate degree to a one-year certificate, with the primary goal in all programs being to help students develop into capable, productive graduates.

The College initially will offer two baccalaureate degrees:

- * The Bachelor of Business Administration, with majors in Accounting, Management, Computer Science, and Information Systems, and General Business; and

- * The Bachelor of Science in Nursing.

Junior/senior level courses will be offered beginning Fall Quarter, 1987, with the first baccalaureate degree program graduates receiving their diplomas in June, 1989.

The new baccalaureate degree programs will be designed to develop graduates who have the abilities and knowledge essential to successful career performance. Lay advisory groups composed of potential employers of graduates will assist the faculty in identifying desired program outcomes. Providing effective career guidance services and opportunities to acquire work experiences before graduation will be an important part of each new program.

Clayton State College will continue to provide the associate degree and certificate programs that have served the College's students and community. The first two years of work in the more than 45 fields of study common to all state-supported colleges and universities in Georgia will continue to be a major emphasis of the College. These programs will serve both those students who plan to transfer to other institutions and those who plan to continue work toward a baccalaureate degree at Clayton State College. One- and two-year career and technical programs designed to prepare students for immediate employment will also be continued.

The foundation for all programs will be a strong general education program designed to enable students to develop communication and critical thinking skills and to acquire the broad and varied perspectives essential for understanding today's world. Central to the general education program and to major programs will be an emphasis on assessing the progress which students make toward the desired outcomes.

Providing continuing education opportunities will continue to be an important part of the College's mission. Programs range from those designed to address the special educational and training needs identified by business and industry to those provided in response to the avocational interests of individuals in the community.

Clayton State College welcomes the opportunities that its expanded mission provides to better serve its students and community.

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Chemistry	57
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Economics (See Business Administration)	57
English	58
Forestry	59
French	59
Geology	60
Health (See Physical Education)	63
History	60
Home Economics	61
Journalism	61
Mathematics	62
Medical Illustration	62
Medical Records Administration	62
Music	63
Office Administration (See Secretarial Studies)	71
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Physical Education/Health	63
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1986-87 Academic Calendar

Fall Quarter, 1986

September 8	Scholastic Aptitude Test (SAT)
September 11	College-Level Examination Program (CLEP)
September 15	Scholastic Aptitude Test (SAT)
September 22	Last registration day before classes begin
September 23	Classes begin
September 24	Last day to register or change schedule
October 16	College-Level Examination Program (CLEP)
October 27-28	Regents' Testing Program
October 27	Last day to withdraw from a course without academic penalty
November 3	Scholastic Aptitude Test (SAT)
November 13	College-Level Examination Program (CLEP)
November 26	No evening classes
November 27-28	Thanksgiving holidays
December 3	Evening classes end
December 4	Day classes end
December 4-9	Final Examinations

Winter Quarter, 1987

January 5	Last registration day before classes begin
January 6	Classes begin
January 7	Last day to register or change schedule
January 15	College-Level Examination Program (CLEP)
January 19	Martin Luther King Holiday
February 9-10	Regents' Testing Program
February 10	Last day to withdraw from a course without academic penalty
February 16	Scholastic Aptitude Test (SAT)
March 12	College Level Examination Program (CLEP)
March 16	Scholastic Aptitude Test (SAT)
March 16	Evening classes end
March 17	Day classes end
March 17-20	Final Examinations

CALENDAR FOR 1986																								
JANUARY					MAY					SEPTEMBER														
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S				
		1	2	3	4			1	2	3			1	2	3	4	5	6						
5	6	7	8	9	10	11	4	5	6	7	8	9	10	7	8	9	10	11	12	13				
12	13	14	15	16	17	18	11	12	13	14	15	16	17	14	15	16	17	18	19	20				
19	20	21	22	23	24	25	18	19	20	21	22	23	24	21	22	23	24	25	26	27				
26	27	28	29	30	31	25	26	27	28	29	30	31	28	29	30									
FEBRUARY					JUNE					OCTOBER														
					1	1	2	3	4	5	6	7						1	2	3	4			
2	3	4	5	6	7	8	8	9	10	11	12	13	14	5	6	7	8	9	10	11				
9	10	11	12	13	14	15	15	16	17	18	19	20	21	12	13	14	15	16	17	18				
16	17	18	19	20	21	22	22	23	24	25	26	27	28	19	20	21	22	23	24	25				
23	24	25	26	27	28	29	30	26	27	28	29	30	31											
MARCH					JULY					NOVEMBER														
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9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15				
16	17	18	19	20	21	22	20	21	22	23	24	25	26	16	17	18	19	20	21	22				
23	24	25	26	27	28	29	27	28	29	30	31	23	24	25	26	27	28	29						
30	31	30	31	30																				
APRIL					AUGUST					DECEMBER														
					1	2	3	4	5	6														
6	7	8	9	10	11	12	3	4	5	6	7	8	9	7	8	9	10	11	12	13				
13	14	15	16	17	18	19	10	11	12	13	14	15	16	14	15	16	17	18	19	20				
20	21	22	23	24	25	26	17	18	19	20	21	22	23	21	22	23	24	25	26	27				
27	28	29	30	27	28	29	30	31	24	25	26	27	28	29	30	31								

Spring Quarter, 1987

March 30	Last registration day before classes begin
March 31	Classes begin
April 1	Last day to register or change schedule
April 9	College-Level Examination Program (CLEP)
April 27	Scholastic Aptitude Test (SAT)
May 4-5	Regents' Testing Program
May 4	Last day to withdraw from a course without academic penalty
May 18	Scholastic Aptitude Test (SAT)
May 27	College-Level Examination Program (CLEP)
June 8	Scholastic Aptitude Test (SAT)
June 8	Evening classes end
June 9	Day classes end
June 9-11	Final Examinations
June 13	Graduation

Summer Quarter, 1987

June 22	Last registration day before classes begin
June 23	Classes begin
June 24	Last day to register or change schedule
July 2	No evening classes
July 3	Independence Day holiday
July 20-21	Regents' Testing Program
July 23	Last day to withdraw from a course without academic penalty
August 18	Classes end
August 19-21	Final Examinations

(Note: Last 3 dates subject to change.)

GENERAL INFORMATION

PURPOSE OF THE COLLEGE

Clayton State College, a unit of the University System of Georgia, was established to provide educational opportunities for the community within commuting distance of the College. The offerings of the College are limited to the resources available to the College, and to the practical consideration that the College should not needlessly duplicate programs of study provided at a reasonable cost to the individual by other institutions in the community.

The purpose of Clayton State College is, therefore, to serve the educational and cultural needs of the community through the following programs:

- Baccalaureate Degree Programs in Business and Nursing.
- College Transfer Programs which consist of the first two years of regular college studies leading to baccalaureate and professional degrees.
- Career and Vocational-Technical Education Programs designed to prepare students for gainful employment.
- Developmental Studies courses designed for students who need to strengthen their academic skills before entering college level courses.
- Community Service and adult education programs for individuals in the community who may wish to participate in programs of continuing education.
- Student Service Programs designed to further the development of students by helping them to meet their academic, financial, personal and social needs.

SERVING SOUTH METROPOLITAN ATLANTA

Clayton State College, a developing senior college, is a non-residential college located 12 miles south of Atlanta in northern Clayton County.

Opened in 1969 as Clayton Junior College, the name of the institution has been changed to Clayton State College, reflecting its expanded mission. Clayton has been authorized to convert from a two-year to a four-year institution. (See page 3 and the section on pages 43-46 for additional information about senior college status.)

Clayton State and all other state-supported institutions of higher learning in Georgia are governed by the Board of Regents of the University System of Georgia. (See the section beginning on page 16, and additional information on page 180, for more information on the University System of Georgia.)

As a public institution, Clayton State College is able to offer a wide variety of educational programs at a minimum cost. Most credit courses of the College are offered both during the day and at night, providing a unique opportunity for many people to acquire a college education.

Clayton currently offers the first two years of college work in major fields of study common to all state-supported institutions in Georgia. Freshman and sophomore credits earned with acceptable grades within this program may be transferred without loss upon acceptance to any university, senior college or junior college within the University System. (Grades of "D" have limited transferability to some institutions.)

In addition, the College offers one-year and two-year Career and Vocational-Technical Education programs which combine regular college courses with specific professional or paraprofessional training. Career and Vocational-Technical Education programs are designed to prepare students for immediate employment upon graduation.

Vocational-Technical Education Programs are jointly funded by the University System of Georgia and the State Department of Education.

Most graduates of Clayton State College are awarded the Associate in Arts Degree. Graduates of many two-year Career Programs are awarded the Associate in Applied Science Degree. A graduate of the Career Program in Medical Laboratory Technology offered by the College in cooperation with Atlanta Area Technical School also is awarded the Certificate of that institution. A graduate of the Career Program in Aviation Administration is awarded the Associate in Science in Aviation Administration Degree.

Each student admitted to the College is eligible to accelerate a program of study through a broad program of *Advanced Placement* with college credit by examination. Gifted high school students are encouraged to begin their first year of college work while completing their final year of high school through the *Freshman Scholar Program for High School Seniors*.

In addition, the College offers a *Developmental Studies Program* for students whose academic record indicates that they are not yet prepared to do college level work, and for students returning to an academic atmosphere who require a review of basic academic skills.

The Office of Community Services offers a regular program of non-credit *Continuing Education Courses and Seminars* to provide personal and career enrichment, and to meet special educational needs for individuals of and groups within the community.

ACCREDITATION AND MEMBERSHIPS

Clayton State College is a unit of the University System of Georgia; therefore, credits earned within College Transfer Programs at the College are accepted by all other units of the University System.

Clayton is accredited by the Southern Association of Colleges and Schools as a Level I, General Postsecondary Institution.

The College also is accredited by the Council on Dental Education, the Georgia Board of Nursing, and the National League for Nursing.

The College has been approved for the following state and federal programs:

- Veterans Administration Benefits
- College Work Study Program
- Regents' Scholarships
- National Direct Student Loans
- Nursing Student Federal Loans
- Georgia Vocational Rehabilitation Grants
- Guaranteed Student Loans
- Pell Grants
- Supplemental Educational Opportunity Grants
- Georgia Student Incentive Grants

The College holds membership in the following organizations:

- American Association of Community and Junior Colleges
- Southern Association of Colleges and Schools
- Southern Association of Junior Colleges
- Southern Regional Education Board
- Georgia Association of Junior Colleges
- Georgia Association of Colleges
- Council of Associate Degree Programs of the National League for Nursing
- College Placement Council

RESOURCES FOR DISABLED STUDENTS

Clayton State College is committed to helping students participate in all academic, cultural and social opportunities that the College offers. Accessibility for disabled students is part of that commitment. Efforts to develop a completely accessible campus began with the construction of the first college facilities and will continue as the College develops.

The College provides disabled students with special entrance test administrations when necessary, individualized tours of the campus, and a general orientation to academic life at the College. Disabled students may obtain assistance in the library and cafeteria, and may use special parking facilities. Assistance is also provided to students in working with instructors and administrators to plan for any necessary classroom or campus accommodations.

Any disabled student wishing to utilize these services should contact the Handicapped/Disadvantaged Specialist in the Office of Counseling and Testing (D-208, telephone 961-3515).

THE CLAYTON STATE COLLEGE FOUNDATION, INC.

In September of 1974, a charter was obtained for a new corporation with perpetual duration, entitled "The Clayton State College Foundation, Inc." A non-profit corporation, the new Foundation was established primarily to assist and support Clayton State College in the pursuit of excellence in programs and services, and to assist and encourage citizens of our community in their pursuit of an education.

An annual program of work established by the Board of Trustees of the Foundation focuses on scholarships for area high school students to attend Clayton State College; awards for outstanding students, faculty and staff already associated with the College; and the establishment of an Endowment Fund to insure support of programs of the Foundation in future years. (Turn to page 166 of this catalog for information about scholarship programs.)

The Foundation welcomes interest in its programs and goals, and is in a position to accept support for special programs that citizens may wish to identify.

Nine area business and professional leaders who petitioned for the incorporation of the Clayton State College Foundation, Inc. served on its initial Board of Trustees, and eight of them remain as active members.

Current members of the Board include:

- Harmon M. Born*, Rex, Georgia (chairman)
- G. Robert Oliver*, Morrow, Georgia (vice-chairman)
- Charles E. Wells*, Morrow, Georgia (secretary-treasurer)
- Harry S. Downs*, Morrow, Georgia (assistant treasurer)
- Guy L. Benefield*, Morrow, Georgia
- S. Truett Cathy*, Hampton, Georgia
- Ernest L. Cheaves*, Forest Park, Georgia
- Thomas B. Clonts*, Jonesboro, Georgia
- C.S. Conklin II*, Jonesboro, Georgia
- Ernest A. Dunbar, Jr.*, MD, Morrow, Georgia
- Perry J. Hudson*, Hapeville, Georgia
- W. Cameron Mitchell*, Hampton, Georgia
- Hill R. Redwine*, Fayetteville, Georgia
- Claude H. Whaley*, Jonesboro, Georgia
- James M. Wood, Jr.*, Forest Park, Georgia

All programs sponsored by the Foundation are funded totally by contributions, and all contributions made to the non-profit corporation are tax deductible. Contact a member of the Board of Trustees or phone 961-3535 or 961-3531 for complete information.

UNIVERSITY SYSTEM OF GEORGIA

Thirty-four public colleges and universities of the University System of Georgia offer almost unlimited opportunities for citizens of the state to attend college. Programs of study and degrees are offered in almost every field available anywhere in the world. Students can choose programs to fit their talents and interests, ranging from one-year certificate programs to doctoral programs.

Sixteen junior colleges offer the first two years of studies leading to bachelor degrees and professional degrees, as well as one- and two-year career programs designed to prepare students for immediate employment. Career programs are available in fields such as accounting, computer science, agricultural equipment technology, electronics, drafting, dental hygiene, nursing, secretarial studies, and over fifty other fields.

The fourteen senior colleges offer bachelor degrees, and in many cases, some graduate degrees. Degree programs include hundreds of fields of interest including business administration, teacher education, mathematics, sciences, history and other social sciences, engineering, art, and music. Some of these institutions also offer many of the two-year career programs offered by junior colleges.

The four universities offer graduate programs leading to master's and doctor's degrees, four-year programs leading to bachelor degrees, and some two-year programs. Offerings include programs ranging from aerospace and nuclear engineering at the Georgia Institute of Technology; economics and health administration at Georgia State University; medicine and dentistry at the Medical College of Georgia; to forestry, law, pharmacy, and veterinary medicine at the University of Georgia. Students may begin their freshman year of studies leading to these graduate and professional degrees at any of the thirty-three colleges and universities of the University System of Georgia.

One or more of these public colleges and universities is located in every section of the state, from Brunswick in the Southeast and Bainbridge in the Southwest, to Dalton and Rome in the Northwest and Dahlonega and Gainesville in the Northeast. In fact, most Georgians live within commuting distance of one or more colleges.

All colleges are accredited and offer quality courses. Freshman and sophomore credits toward bachelor degrees which are earned with satisfactory grades at any of these colleges are accepted by all other University System institutions. Fees charged residents of Georgia for attending college, exclusive of living expenses, are low by most standards.

In addition to college courses and programs, non-credit offerings are made available in almost every area of human interest. Many courses and programs are designed to improve job skills, while others provide opportunities for self-improvement in areas unrelated to work. The four universities also conduct extensive programs of research directed primarily toward improving the economic and human welfare of the people of Georgia.

The thirty-four institutions of the University System of Georgia stand ready to encourage and assist citizens interested in college studies.

A 15-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointments of Board members are made by the Governor, subject to confirmation by the State Senate. Regular terms of Board members are seven years.

INSTITUTIONS OF THE UNIVERSITY SYSTEM OF GEORGIA

h — On-Campus Student Housing Facilities
Degrees Awarded: A — Associate; B — Bachelor's; J — Juris Doctor;
M — Master's; S — Specialist in Education; D — Doctor's

Universities

Athens 30602	Atlanta 30303
University of Georgia — h; B,J,M,S,D	Georgia State University — A,B,M,S,D
Atlanta 30332	Augusta 30912
Georgia Institute of Technology — h; B,M,D	Medical College of Georgia — h; A,B,M,D

Senior Colleges

Albany 31705	Marietta 30061
Albany State College — h; B,M	Kennesaw College — A,B
Americus 31709	Marietta 30060
Georgia Southwestern College — h;	Southern Technical Institute — h; A,B
A,B,M,S	Milledgeville 31061
Augusta 30910	Georgia College — h; A,B,M,S
Augusta College — A,B,M,S	Savannah 31406
Carrlonton 30118	Armstrong College — A,B,M
West Georgia College — h; A,B,M,S	Savannah 31404
Columbus 31993	Savannah State College — h; A,B,M
Columbus College — A,B,M,S	Statesboro 30460
Dahlonega 30597	Georgia Southern College — h; A,B,M,S
North Georgia College — h; A,B,M	Valdosta 31698
Fort Valley 31030	Valdosta State College — h; A,B,M,S
Fort Valley State College — h; A,B,M	

Junior Colleges

Albany 31707
Albany Junior College — A
Atlanta 30310
Atlanta Junior College — A
Bainbridge 31717
Bainbridge Junior College — A
Barnesville 30204
Gordon Junior College — h; A
Brunswick 31523
Brunswick Junior College — A
Cochran 31014
Middle Georgia College — h; A
Dalton 30720
Dalton Junior College — A
Clarkston 30021
DeKalb College — A
Douglas 31533
South Georgia College — h; A
Gainesville 30403
Gainesville Junior College — A
Macon 31297
Macon Junior College — A
Morrow 30260
Clayton State College — A
Rome 30106
Floyd Junior College — A
Swainsboro 30401
Emanuel County Junior College — A
Tifton 31793
Abraham Baldwin Agri. College — h; A
Waycross 31501
Waycross Junior College — A



University System of Georgia
244 Washington Street, S.W.
Atlanta, Georgia 30334

THE UNIVERSITY SYSTEM OF GEORGIA
UNIVERSITY SYSTEM INSTITUTIONS

Universities and Colleges

Georgia Institute of Technology
 President Joseph M. Pettit
 225 North Avenue, N.W.
 Atlanta, Georgia 30332
 (404) 894-2000 — GIST 222-2000

Georgia State University
 President Noah Langdale, Jr.
 University Plaza
 Atlanta, Georgia 30303
 (404) 658-2000 — GIST 223-2000

Medical College of Georgia
 President Jesse L. Steinfeld
 1120 — 15th Street
 Augusta, Georgia 30902
 (404) 828-0211 — GIST 331-0211

University of Georgia
 President (Interim) Henry K. Stanford
 Athens, Georgia 30602
 (404) 542-3030 — GIST 241-3030

Albany State College
 President Billy C. Black
 504 College Drive
 Albany, Georgia 31705
 (912) 439-4234 — GIST 341-4234

Armstrong State College
 President Robert A. Burnett
 11935 Abercorn Street Ext.
 Savannah, Georgia 31406
 (912) 925-4200 — GIST 369-5211

Augusta College
 President George A. Christenberry
 2500 Walton Way
 Augusta, Georgia 30904
 (404) 828-3054 — GIST 331-3054

Columbus College
 President Francis J. Brooke
 Algonquin Drive
 Columbus, Georgia 31907
 (404) 568-2011 — GIST 251-2011

Fort Valley State College
 President Luther Burse
 805 State College Drive
 Fort Valley, Georgia 31030
 (912) 825-6211 — GIST 327-6211

Georgia College
 President Edwin G. Speir, Jr.
 231 West Hancock
 Milledgeville, Georgia 31061
 (912) 453-5187 — GIST 324-5187

Georgia Southern College
 President Dale W. Lick
 Statesboro, Georgia 30458
 (912) 681-5611 — GIST 364-5611

Georgia Southwestern College
 President William H. Capitan
 Wheatly Street
 Americus, Georgia 31709
 (912) 928-1279 — GIST 345-1279

Kennesaw College
 President Betty L. Siegel
 3450 Frey Lake Road, N.W.
 Marietta, Georgia 30060
 (404) 422-8770 — GIST 228-4011

North Georgia College
 President John H. Owen
 Dahlonega, Georgia 30533
 (404) 864-3391 — GIST 244-6011

Savannah State College
 President Wendell G. Rayburn
 Savannah, Georgia 31404
 (912) 356-2186 — GIST 362-2186

Southern Technical Institute
 President Stephen R. Cheshier
 534 Clay Street
 Marietta, Georgia 30060
 (404) 424-7200 — GIST 224-7200

Valdosta State College
 President Hugh C. Bailey
 North Patterson Street
 Valdosta, Georgia 31698
 (912) 333-5800 — GIST 343-5800

West Georgia College
 President Maurice K. Townsend
 Carrollton, Georgia 30117
 (404) 834-1211 — GIST 232-1211

Junior Colleges

Abraham Baldwin Agricultural
 College
 President Frank H. Thomas (Acting)
 Moore Highway
 Tifton, Georgia 31794
 (912) 386-3236 — GIST 342-3236

Albany Junior College
 President B.R. Tilley
 2400 Gullionville Road
 Albany, Georgia 31701
 (912) 439-4200 — GIST 341-4200

Atlanta Junior College
 President Edwin A. Thompson
 1630 Stewart Avenue, S.W.
 Atlanta, Georgia 30310
 (404) 656-6444 — GIST 221-6444

Bainbridge Junior College
 President Edward D. Mobley
 U.S. Highway 84E
 Bainbridge, Georgia 31717
 (912) 246-7941 — GIST 246-7941

Brunswick Junior College
 President John W. Teel
 Brunswick, Georgia 31520
 (912) 246-7941 — GIST 365-7941

Clayton State College
 President Harry S. Downs
 5900 No. Lee Street
 Morrow, Georgia 30260
 (404) 961-3400 — GIST 220-3400

Dalton Junior College
 President Derrell C. Roberts
 Dalton, Georgia 30720
 (404) 278-3113 — GIST 235-5221

DeKalb College
 President Marvin M. Cole
 Clarkston, Georgia 30021
 (404) 299-4204

Emanuel County Junior College
 President Willie D. Gunn
 Swainsboro, Georgia 30401
 (912) 237-7831 — GIST 333-4011

Floyd Junior College
 President David B. McCorkle
 U.S. 27S
 Rome, Georgia 30106
 (404) 295-6339 — GIST 231-6339

Gainesville Junior College
 President J. Foster Watkins
 Mundy Mill Road
 Gainesville, Georgia 30501
 (404) 536-5226 — GIST 246-4011

Gordon Junior College
 President Jerry M. Williamson
 103 College Street
 Barnesville, Georgia 30204
 (404) 358-1700 — GIST 258-4011

Macon Junior College
 President S. Aaron Hyatt
 Highway 80
 Macon, Georgia 31206
 (912) 474-2700 — GIST 323-7011

Middle Georgia College
 President Louis C. Alderman, Jr.
 Sarah Street
 Cochran, Georgia 31014
 (912) 934-6221 — GIST 325-3011

South Georgia College
 President Edward D. Jackson, Jr.
 Douglas, Georgia 31533
 (912) 384-1100 — GIST 347-4011

Waycross Junior College
 President James M. Dye
 2001 Francis Street
 Waycross, Georgia 31501
 (912) 285-6135 — GIST 368-6135

**ADMISSIONS
 INFORMATION**

ANNUAL NOTICE OF PRIVACY RIGHTS

This institution is covered by the Family Educational Rights and Privacy Act of 1974 (FERPA), which is designed to protect the student's rights with regard to educational records maintained by the institution. Under this Act, a student has the following rights:

1. *the right to inspect and review education records maintained by the institution that pertain to the student;*
2. *the right to challenge the content of records on the grounds that they are inaccurate, misleading or a violation of privacy or other rights; and*
3. *the right to control disclosures from the education records with certain exceptions.*

A written policy detailing how Clayton State College will comply with the provisions of the Act is on file in the Office of the Registrar. Students also have the right to file complaints with the FERPA Office of the Department of Education, Washington, D.C. 20201 regarding alleged violations of the Act.

GENERAL POLICIES FOR ADMISSION TO THE COLLEGE

All institutions of the University System of Georgia operate under a common set of regulations governing the admission of students. The following sections summarize these regulations as they apply to Clayton State College.

Clayton State College extends a cordial invitation to persons interested in obtaining a quality education. The College admits persons of good moral character who possess the physical and mental health to meet the challenges of an academic program. An applicant to any degree program offered by the College must hold a high school diploma or its equivalent. An applicant who has no previous college credit from an accredited college and who received a secondary school certificate of attendance rather than a diploma must successfully complete the General Educational Development (GED) Test prior to being considered for admission. Each applicant to the College must meet the standards prescribed by the College and, where applicable, the requirements of the individual degree or certificate program.

Clayton State College, and each institution of the University System of Georgia, operates on the academic quarter system, and each quarter represents an independent unit of study. With the quarter as the basic academic calendar unit, four quarters, each approximately eleven weeks in length, comprise an academic calendar year. Each student, except the candidate for a two-year Career Program in Dental Hygiene or Nursing or a one-year Program in Practical Nursing may apply for admission to Clayton State College prior to any of the four quarters of the academic year. Because the curricula for the Career Programs in Dental Hygiene and Nursing are sequential in nature, students are accepted into these programs only in the Fall Quarter of each year. Admission procedures for acceptance into these programs are given on pages 87, 106 and 112 of this catalog.

APPLICATION FOR ADMISSION TO THE COLLEGE

To be considered for admission to Clayton State College, applicants must complete and return all required forms to the College at least 20 days before the Registration Day of the quarter in which they plan to attend. (Applicants to some Vocational-Technical Programs may face earlier deadlines.) The following is required of each applicant:

1. Completed Application

Application for admission forms will be provided by the Office of Admissions and Records.

2. Social Security Number

Each student applying for admission to Clayton State College must furnish a Social Security Number in the proper place on the printed application.

Note: The 1986-87 Academic Calendar is published on pages 10-11 in this catalog.

ADMISSION AS A BEGINNING FRESHMAN

An applicant who has not attended a college or university previously must have the appropriate organization send directly to the College the following items:

1. A transcript of high school credits showing evidence of graduation from an accredited high school OR General Educational Development (GED) test scores which meet minimum score requirements of the State of Georgia for High School Equivalency. High school graduates with a certificate of attendance rather than a diploma must also provide acceptable GED test scores.

The Board of Regents and the State Board of Education recommend the following high school courses as being essential for success in college:

<i>Course (Units)</i>	<i>Instructional Emphasis</i>
English (4)	Grammar and usage Literature (American & World) Advanced composition skills
Science (3)	Physical Science At least two laboratory courses from Biology, Chemistry, or Physics
Mathematics (3)	Two courses in Algebra and one in Geometry
Social Science (3)	American History World History Economics and Government
Foreign Language (2)	Skill-building courses emphasizing speaking, listening, reading, and writing

Additional courses selected from the following are also strongly recommended:

Trigonometry

An additional laboratory course in science

A third course in a foreign language or study in a second foreign language

Fine Arts (art, dance, drama, music)

Computer Technology

Physical and Health Education

Typing

High school seniors may be tentatively admitted by providing the transcript current at time of application; enrollment is contingent upon receipt of the final transcript showing evidence of graduation.

2. A record of scores on the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board.

For the convenience of prospective students, Clayton State College administers the Scholastic Aptitude Test several times each quarter. Each test currently costs \$11.50, payable at the time of testing, and the test lasts approximately two and a half hours. (The cost of the test is determined by the College Entrance Examination Board and is subject to change.) It is not necessary to sign up prior to testing. Any disabled individual who requires special accommodations should make arrangements in advance of the test date with the Office of Counseling and Testing. For further information, please contact the Office of Counseling and Testing at 961-3515.

An applicant must meet at least one of the following requirements to be admitted to the College:

1. Verbal SAT score of 250 or higher; or
2. Mathematical SAT score of 280 or higher; or,
3. High School average (on academic courses only) of 1.8 or higher on a 4.0 scale.

Before they enroll, all freshman applicants will complete a college assessment which will measure their current level of skill in critical academic areas, and will help determine their placement in courses. Students who score below institutionally established levels on the SAT and high school grades will be required to take the Basic Skills Examination and may be required to take appropriate Developmental Studies courses. The levels are:

1. Scholastic Aptitude Test (SAT) scores of 330 or higher or both the verbal and mathematical portions of the Test.
2. A combined SAT score of 710 or above.
3. A predicted college grade point average of 1.6 or above. The predicted grade point average is calculated by using the high school academic average and SAT scores in a formula based on the previous performance of Clayton State College Students.

All beginning freshmen must complete assessments in writing and mathematics before enrolling in college-level English or mathematics courses.

THE ASSESSMENT-ORIENTATION-ADVISEMENT-REGISTRATION PROCESS FOR BEGINNING FRESHMEN

Clayton State College provides a comprehensive program for helping beginning freshmen get started at the College. The process, required of all first-time freshmen, includes two phases that have been designated as "Day One" and "Day Two".

Day One: On Day One students begin their orientation to the College and complete entry assessments in writing and mathematics. The results of these assessments are used to help determine appropriate placement into courses.

Between Day One and Day Two (usually scheduled approximately two weeks after Day One) students are encouraged to attend the career exploration workshops that are held on campus.

Day Two: On Day Two students continue their orientation to the College and particularly to the general education program. Most of the orientation activities take place in small groups, giving students the opportunity to find out about areas of study in which they might have an interest and to obtain information about the requirements of specific degree programs. Day Two culminates with the opportunity for each student to work with a faculty advisor to plan his or her schedule of courses for the quarter. Advisors use the assessment results from Day One to recommend course placement. At the end of Day Two, students are registered for their first quarter at Clayton State College.

ADMISSION AS A TRANSFER STUDENT

An applicant is considered a transfer student if he or she has previously been enrolled in any accredited college or university, whether or not any college credit has been earned. A transfer student may transfer a maximum of 60 quarter hours of credit, exclusive of courses which fulfill physical education requirements, toward an Associate Degree. The maximum number of hours transferable to a Certificate Program is 30 quarter hours. A student pursuing an Associate Degree and who transfers 45 quarter hours or more from another institution and who has not successfully completed the Regents' Testing Program of the University System of Georgia will be required to take the examination during the first quarter of attendance at Clayton State College. (See the Regents' Testing Program Policy on pages 38-39.) Transfer students may be required to complete college assessments in writing or mathematics before enrolling in English or mathematics courses.

Courses with acceptable grades which are a part of the Core Curriculum at any unit of the University System of Georgia will be transferred and applied to the appropriate area of the Core Curriculum at Clayton State College. If a portion of the Core Curriculum has been completed with acceptable grades at another institution, full credit will be awarded at Clayton State College. The College will determine any additional courses needed to satisfy the requirements at Clayton State College. Credit for courses taken at institutions other than units of the University System of Georgia are evaluated individually. Assessments and any additional work needed to satisfy General Education requirements will be determined by the College.

In addition to information required of each applicant, a transfer student must provide the College with the following:

1. College Transcripts

An applicant must request that an official transcript from each college or university previously attended be sent directly to the Office of Admissions and Records of Clayton State College.

2. Scholastic Aptitude Test Scores and High School Transcript

A transfer student who has less than 20 quarter hours of transferable college credit with a C (2.0) average must furnish the Office of Admissions and Records with scores on the College Entrance Examination Board Scholastic Aptitude Test and an official high school transcript.

ADMISSION TO CLAYTON STATE COLLEGE'S BACCALAUREATE DEGREE PROGRAMS

In order to enroll in a baccalaureate degree program, a student must meet the requirements for admission to a specific major program as well as those for admission to the College. The requirements for admission to the Bachelor of Business Administration programs and the Bachelor of Science in Nursing program are being developed and will be communicated to students enrolled at the College during the 1986-87 academic year and published in the 87-88 College Catalog. Junior/senior level courses will be offered beginning Fall Quarter, 1987. Admission to the College may occur at any time. Students intending to apply for admission to one of the baccalaureate degree programs should note the information on pages 43-46 of this Catalog.

ADMISSION AS A TRANSIENT STUDENT

A student who has done previous academic work of a satisfactory nature at an accredited or approved institution may apply for admission to Clayton State College for one quarter as a transient student. Students applying as transients must file a completed application form for admission together with a statement from the Registrar of the institution they last attended, recommending the applicant's admission as a transient student. A transient student should be advised in writing by the former institution concerning recommended courses to be taken at Clayton State College.

Transient students who wish to take English or mathematics courses at Clayton State College must complete the appropriate writing and mathematics entry assessments before enrolling for these courses. (Transient status usually is limited to one quarter.)

ADMISSION AS A SPECIAL STUDENT

An applicant already holding an Associate or higher degree who does not wish to obtain an additional degree may be admitted as a Special Student by submitting an official transcript indicating the awarding of the Associate or higher degree. Applicants desiring an Associate degree from Clayton State College should meet admissions requirements for a Transfer Student.

Students receiving benefits from the Veterans' Administration must apply as transfer students and be pursuing a certificate or degree in order to be certified.

ADMISSION OF PROVISIONAL STUDENTS

Applicants to Clayton State College who have been out of high school for eight years or more, and have never attended college, may apply for admission under a Provisional Admissions Policy. Contact the Office of Admissions and Records (phone 961-3500) for complete information.

REENTRY OF FORMER STUDENTS

A former student who has not attended Clayton State College for two or more quarters must apply for reentry at least 10 days prior to the final day of registration for the quarter in which enrollment is desired.

One who has attended any other college during the absence from Clayton State College must, prior to enrollment, have an official transcript sent to the Office of Admissions and Records directly from any college attended.

A student absent from the College for only one quarter is not required to apply for reentry and is considered to be a continuing student at the College.

ENROLLMENT OF STUDENTS AS AUDITORS

A student who wishes to enroll for a course or courses at Clayton State College and receive no college credit may apply as an auditor. A student registering as an auditor must meet all admission requirements of the College except that of the Scholastic Aptitude Test and must pay the regular fees for enrollment. A student registering as an auditor is prohibited from receiving credit for the course. However, a student will be permitted to re-register for the course for credit at a later date. In addition, a student must complete a request to audit form at the time of registration or during the first week of the quarter.

In general, students will not be allowed to audit specialized career programs and vocational-technical courses unless admitted to the program. In addition, courses taken on an audit basis will not be used for certification for Financial Aid, Social Security or Veterans' Administration benefits.

ADMISSION OF STUDENTS 62 OR OLDER

Citizens of Georgia 62 years of age or older may attend Clayton State College without payment of fees — except for supplies and special course fees — on a "space-available" basis.

An applicant desiring admission under this classification must meet all regular admission requirements to the College, must be a Georgia resident, and must present proof of age of 62 or older.

ADMISSION OF INTERNATIONAL STUDENTS

Any U.S. citizen of foreign birth, resident alien with official resident alien card, or refugee whose native language is not English may seek admission to Clayton State College by completing the application for admission and submitting official, translated transcripts of all previous college work and/or official, translated high school transcript or scores on the General Education Development Test and scores on the Scholastic Aptitude Test of the College Entrance Examination Board. English proficiency testing will be required.

Any student admitted to the United States under a U.S. Immigration visa classification, whose native language is not English and whose primary purpose in being in the United States is to pursue an education, must submit the above credentials. In addition, scores on the Test of English as a Foreign Language or the Georgia State University English Proficiency Examination must be submitted. The minimum acceptable score on the former is 500; an acceptable objective score and a recommendation for admission are required on the latter. *Scores on the test of English as a Foreign Language which are over two (2) years old cannot be verified with the Educational Testing Service and will not be accepted by the College.*

It is also necessary for the applicant on a Foreign Student Visa (I-20) or an Extension of Stay (I-538) to provide proof of financial responsibility, including proof of ability to meet living expenses and transportation costs. A Foreign Student Visa (I-20) or an Extension of Stay (I-538) will be issued *only after* all admission requirements have been met by the international student.

Information on admission requirements, costs, and other basic information helpful to applicants from other countries is available upon request from the Office of Admissions and Records.

ADDITIONAL HEALTH PROGRAM REQUIREMENTS

Clayton State College offers health-oriented programs in dental hygiene, nursing, and medical laboratory technology. Applicants to these programs must meet all admissions requirements of the College in addition to special requirements of each specific program. These programs are designed to satisfy the present educational requirements to enable one to take the licensure examination appropriate to the program. However, the licensing board may change these requirements prior to the completion of the student's course of study. While reasonable efforts will be made to enable one to satisfy additional requirements, no assurances can be made that the College will be able to offer these additional courses or, if taken, that such courses will entitle a student to take the examination.

DENTAL HYGIENE PROGRAM

The two-year dental hygiene course sequence in the Dental Hygiene Program begins with the Fall Quarter. Application procedures should be completed by April 15 of each year, since delays in completing the admissions materials may result in exclusion from the Program. Admissions decisions are made in late Spring or early Summer. *Refer to page 87 for complete admissions information about the Dental Hygiene Program.*

NURSING PROGRAM

The two-year nursing course sequence in the Nursing Program begins with the Fall Quarter, although students may begin the general education courses required during any quarter. A graduate of the Program may petition to take the examination of the Georgia Board of Nursing. Successful completion of the examination licenses the graduate as a Registered Nurse. Students are selected for the Program by a Nursing Admissions Committee, based on criteria which indicate the greatest potential for individual success. *Refer to page 106 for complete admissions information about the Nursing Program.*

PRACTICAL NURSING PROGRAM

The one-year Practical Nursing Program is designed to prepare students to enter the health-care field. Successful completion of the State Board of Nursing Examination for Practical Nurses licenses the graduate as a Licensed Practical Nurse. *Refer to page 112 for complete admissions information about the one-year certificate program in Practical Nursing.*

MEDICAL LABORATORY TECHNOLOGY PROGRAM

The Medical Laboratory Technology Program is offered in cooperation with the Atlanta Area Technical School. Since admission into the Program at Clayton State College does not guarantee admission into the Program at Atlanta Area Technical School, students are responsible for making application at each institution. Students are also responsible for knowing and fulfilling all requirements for graduation at Clayton State College. *Refer to page 103 for complete admissions information about the Medical Laboratory Technology Program.*

MEDICAL OFFICE ASSISTANT

The Medical Office Assistant Program is designed to prepare students to assist physicians, dentists, and other health professionals. *Refer to page 104 for complete admissions information about the one-year certificate program.*

FRESHMAN SCHOLAR PROGRAM FOR HIGH SCHOOL SENIORS

The Freshman Scholar Program offers outstanding high school seniors an opportunity to accelerate their educational programs by electing courses at Clayton State College which also will serve to satisfy high school graduation requirements. The Program is offered by the College in cooperation with local Boards of Education to enable the student who satisfactorily completes such courses to earn transferable college credit while fulfilling high school graduation requirements.

Students who meet the admission requirements of the Freshman Scholar Program may enroll at Clayton State College during the quarter following completion of their junior year in high school, or during any subsequent academic quarter.

To enroll in the Program, the following requirements have been set by the College. (Individual school systems may set different requirements. The student should confer with his or her principal or counselor to determine if additional requirements exist.)

To be considered for admission to Clayton State College as a Freshman Scholar, a student must submit an application for admission, an official high school transcript, scores on the Scholastic Aptitude Test, and a Freshman Scholar Application.

To be admitted as a Freshman Scholar a student must have:

1. Earned a minimum of 225 quarter hours (15 units) toward graduation and be classified as a high school senior;
2. An average in academic subjects of 3.0 (B) or higher;
3. A minimum composite score on the Scholastic Aptitude Test of 1,000, with neither score less than 450;
4. The recommendation of the high school principal and counselor;
5. Parental approval.

Further information about the Freshman Scholar Program is available from high school counselors or from the Office of Admissions and Records at Clayton State College.

RESIDENCY REQUIREMENTS

Definitions of resident students for the purpose of attending institutions of higher learning in Georgia are established by the Policies of the Board of Regents of the University System and do not necessarily parallel other definitions of residency.

A listing of these definitions follows:

1. (a) If a person is 18 years of age or older, he or she may register as a resident student only upon a showing that he or she has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
(b) No emancipated minor or person 18 years of age or older shall be deemed to have gained or acquired in-state residence status for fee purposes while attending any educational institution in this State, in the absence of a clear demonstration that he or she has in fact established legal residence in this State.
2. If a person is under 18 years of age, he or she may register as a resident student only upon showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
3. A full-time employee of the University System and his or her spouse and dependent children may register on the payment of resident fees.
4. Non-resident graduate students who hold teaching or research assistantships requiring at least one-third time service may register as students in the institution in which they are employed on payment of resident fees.
5. Full-time teachers in the public schools of Georgia and their dependent children may enroll as students in the University System institutions on the payment of resident fees.
6. Military personnel and their dependents stationed in Georgia and on active duty, except military personnel assigned to System institutions for educational purposes, shall pay the same fees assessed residents of Georgia.
7. All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence shall have the same privilege of qualifying for resident status for fee purposes as a citizen of the United States.
8. Foreign students who attend institutions of the University System under financial sponsorship of civic or religious groups located in this State, may be enrolled upon the payment of resident fees, provided the number of such foreign students in any one institution does not exceed the quota approved by the Board of Regents for that institution.
9. If the parents or legal guardian of a minor change his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve-month period the student may continue his registration only upon the payment of fees at the non-resident rate.
10. In the event that a legal resident of Georgia is appointed as a guardian of a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of court appointment, and then only upon proper showing that such appointment was not made to avoid payment of the non-resident fees.
11. Career Consular Officers and their dependents who are citizens of the foreign nation which their Consular Officer represents, and who are stationed and living in Georgia under orders of their respective government, shall be entitled to enroll in University System institutions on payment of resident fees. This arrangement shall apply to those Consular Officers whose nations operate on the principle of educational reciprocity with the United States.

Individuals who enter the institution as non-resident students but later qualify as legal residents must fill out a request for Residence Classification form which can be obtained from the Office of Admissions and Records. A student's residence status is not changed automatically, and the burden of proof that the student qualifies as a legal resident under the regulations of the Board of Regents of the University System of Georgia rests with the student.

FINANCIAL INFORMATION

Clayton State College conducts classes and charges fees on a quarterly basis. The College reserves the right to alter these fees at the end of any quarter without prior notice.

The following fees are payable on or before Registration Day each quarter, and payment is a required part of the College's registration process. Checks should be made payable to Clayton State College for the exact amount of the required fees.

QUARTERLY FEES

Georgia Residents	\$263.00 for a student taking 12 quarter credit hours or more, or \$22.00 per quarter hour for fewer than 12 quarter credit hours.
Non-Residents	\$760.00 for a student taking 12 quarter credit hours or more, or \$64.00 per quarter hour for fewer than 12 quarter credit hours.

Students enrolling in credit classes offered at locations other than on the Clayton State College campus pay an additional \$7.00 per quarter credit hour.

In addition, each student pays a \$10.00 Student Services Fee.

BOOKS

Textbooks required for courses at Clayton State College are sold at the College Bookstore. The cost of textbooks varies with the course of study the student pursues; however, the average full-time student may expect to spend between \$60 and \$90 each quarter for books.

NURSING/DENTAL HYGIENE FEES

A student enrolling in a career program in nursing or dental hygiene should expect additional expenses for uniforms, graduation pins, and, in the case of dental hygiene students, instruments. A list of such costs will be available in the Department of Dental Hygiene, the Department of Nursing, and the College Bookstore.

AUDITOR FEES

A student who wishes to audit a course will be charged the same fees as a student taking the course for credit. Requirements for auditing are published in the sections on Admissions and Academic Information of this catalog.

STUDENTS 62 OR OLDER

A student 62 years of age or older may attend Clayton State College without payment of fees, except for supplies and laboratory or shop fees, when space is available in a course scheduled for resident credit. Provisions to implement these special enrollment privileges are given on page 25 in this catalog.

CONTINUING EDUCATION COURSE FEES

Continuing Education Courses are offered each quarter by the Office of Community Services. Fees and refund policies for these courses are listed in quarterly brochures published by that office.

RESIDENCY REQUIREMENTS

The definition of Georgia resident students for the purpose of assessing fees do not necessarily parallel other definitions of residency. A listing of these definitions is given on page 28 in this catalog. A student needing specific information and the necessary forms for petition should refer questions to the Director of Admissions and Registrar in the Office of Admissions and Records.

FINANCIAL OBLIGATIONS TO THE COLLEGE

A student who is delinquent in payment of any financial obligations to Clayton State College may be removed from classes, will not be allowed to register at the College for another quarter until such a delinquency is removed, will not be issued grades or records, and may be subject to further disciplinary action.

REFUNDS

To receive any refund of fees paid Clayton State College, a student must initiate formal withdrawal from the College in writing to the Office of Admissions and Records. Student Services Fees paid to the College are not refundable.

1. Students who have pre-registered at the College may receive full refund of any fees paid if they formally cancel registration prior to the Registration Day of the quarter for which they have registered.
2. A student who formally withdraws from the College within four weeks following the Registration Day of any quarter is refunded a percentage of fees paid. The refund period is based on regular calendar weeks beginning the day after Registration Day each quarter.
 - Students who formally withdraw *from the institution* during one week following the scheduled registration date are entitled to a refund of 80% of the fees paid for that quarter.
 - Students who formally withdraw *from the institution* during the period between one and two weeks after the scheduled registration date are entitled to 60% of the fees paid for that quarter.
 - Students who formally withdraw *from the institution* during the period between two and three weeks after the scheduled registration date are entitled to a refund of 40% of the fees paid for that quarter.
 - Students who formally withdraw *from the institution* during the period between three and four weeks after the scheduled registration date are entitled to a refund of 20% of the fees paid for that quarter.
 - Students who withdraw *from the institution* after a period of four weeks has elapsed from the scheduled registration date will be entitled to no refund of any part of fees paid for that quarter.
3. A refund of all quarterly non-resident fees, matriculation fees, and other *mandatory* fees shall be made in the event of the death of a student at any time during an academic quarter.
4. Refund of *elective charges* for withdrawing *from the institution* during a quarter will be made on a prorated basis determined by the date of withdrawal.
5. In the case of a student who is drafted or otherwise ordered to active duty in the Armed Forces of the United States, refunds of all fees shall be made on a *pro rata basis* from the beginning of the quarter to the date of induction. Students applying for a *pro rata* refund must present a copy of their draft orders to the Business Office of the College. This waiver of the refund policy shall not apply to students who, at their own request, are inducted or ordered to active duty with the Armed Forces of the United States. The general refund policy shall apply to such students.

ACADEMIC INFORMATION

REGISTERING FOR CLASSES

A Schedule of Classes is published each quarter. Based on this schedule the student develops a tentative schedule with a faculty advisor, which preferably includes alternate courses, in the event that desired courses are not available at registration. Registration times are published in the quarterly Schedule of Classes.

A student's official schedule is the schedule on file in the Office of Admissions and Records following the last day for registration and schedule change each quarter. The student will receive a grade at the end of the quarter for each course on the official schedule. Even if a class is never attended, if the student does not officially withdraw from the class, a grade of F will be recorded on the student's permanent record.

CHANGING SCHEDULES

Classes may be changed each quarter only through the last day to register or change schedule as published in the Academic Calendar.

ACADEMIC ADVISEMENT

In the Advisement Program provided for the student at Clayton State College, faculty advisors are available for each of the major areas of study offered by the College. In addition, faculty advisors are available to assist the student who has not yet selected a major area of study. Faculty advisors maintain regular office hours to encourage additional student conferences whenever questions arise or further information is needed during the academic quarter. *Since some transfer institutions have special requirements, it is important for a student to see an advisor for assistance in appropriate course selection for a specific major area of study.*

Special assistance to students who are undecided about a major area of study is coordinated through the Office of Counseling and Testing.

Students in the Developmental Studies Program, Dental Hygiene, Nursing, and all Vocational-Technical Education Programs are required to be advised by faculty in the appropriate school or department.

DECLARING A MAJOR

Although a student is not required to declare a major until the 60 hours of general education course work have been completed, due to the infrequent scheduling of some major area courses, it is advisable that the student seek academic advisement and counseling during the first quarters of enrollment.

DROPPING COURSES/WITHDRAWAL

The student's class schedule effective at the close of the officially designated Schedule Change Days becomes the official quarterly schedule for the student. Any courses dropped prior to this time are not shown on the official student record.

A student who secures the necessary approval may officially drop a course without academic penalty by the designated date published in the Academic Calendar and receive a W grade for the quarter. The W grade is not computed in the student's average. A course is officially dropped by completing a Course Drop Request Form, obtaining the required approvals, and depositing it in the Office of Admissions and Records.

A course may not be dropped after the published deadline except with the approval of the Registrar or the Vice President for Academic Affairs for reasons of extenuating personal hardship. In such a case, the instructor involved will determine whether the grade assignment is to be a W or a WF, depending on whether the student was passing or failing the course at the time of withdrawal.

A student requesting to withdraw after the published deadline because of a failing grade in a course will have the request denied.

A student who stops attending a course without processing a Course Drop Request Form will automatically receive a grade of F in the course.

GRADING SYSTEM

Every course listed on a student's official quarterly schedule will be listed on the student's permanent record with some grade designation or symbol (W,I,V,K,IP), even though the student may not complete the quarter's work.

The following grading system is used at Clayton State College:

Grade	Numerical Equivalent
A excellent	4.0
B good	3.0
C satisfactory	2.0
D passing	1.0
F failure	0.0
WF withdrew, failing	0.0

The following symbols are approved for use in the cases indicated, but will not be included in the determination of the grade point average.

- I — Indicates that a student was doing satisfactory work but, for non-academic reasons beyond control, was unable to meet the full requirements of the course. If an I is not satisfactorily removed during the next quarter of residence, the symbol I will be automatically changed to the grade F. The assignment of an I may be made only with the written approval of the Vice President for Academic Affairs.
- W — Indicates that a student was permitted to withdraw without penalty. *Withdrawals will not be permitted after the mid-point of the quarter except in cases of extenuating personal hardship as determined by the Vice President for Academic Affairs. In such a case, the Instructor involved will determine whether the grade assignment is to be a W or a WF, depending on whether the student was passing or failing the course at the time of withdrawal.*
- V — Indicates that a student was given permission to audit this course. Students may not transfer from audit to credit status or vice versa.
- K — Indicates that a student was given credit for the course via a credit by assessment program (CLEP, AP, Proficiency).
- IP — Indicates progress in a Developmental Studies course, but the student is required to repeat the course.

CUMULATIVE GRADE POINT AVERAGE

The cumulative grade point average at Clayton State College is calculated by dividing the number of hours scheduled in all courses attempted in which a grade of A,B,C,D,F, or WF has been received into the number of grade points earned on those hours scheduled. Grade points for each course are determined by multiplying the course credit by the Numerical Equivalent of the grade, shown in the table in the preceding section. The cumulative grade point average will be recorded on the student's permanent record. Credit in Developmental Studies courses is not included in the computation of the grade point average.

REPEATING COURSES

Courses completed at Clayton State College with grades of D, IP, F, or WF (but no others) may be repeated. A course in which a student has received a W may be repeated; however, the course identified with the W symbol is not counted in the hours attempted. The record of all courses attempted will remain on the student's permanent record; and all grades earned, except grades in Developmental Studies courses, will be used in calculating the cumulative grade point average.

COURSE CREDIT

Credit for study at Clayton State College, and at each institution of the University System of Georgia, is measured quantitatively in quarter hours. One quarter hour represents a minimum of 500 minutes of classroom instruction for the quarter. Most day classes meet for 50-minute periods Monday through Friday. Most evening classes meet two evenings per week for a period of 2 hours and 5 minutes. These courses carry five quarter hours of credit. Courses with credit more or less than these meet for correspondingly more or less time each week. A laboratory or activity period of two or three clock hours in such areas as art, choir, and physical education, for example, is considered the equivalent of one class hour, since out-of-class preparation is usually not required.

COURSE LOAD

A student scheduling 12 or more quarter hours of credit is classified by the College as a full-time student. One scheduling fewer than 12 quarter hours of credit is classified as a part-time student. (The classification given by the College does not necessarily coincide with that of other agencies.) If students wish to schedule more than 18 quarter hours of credit, they must request written approval from the Vice President for Academic Affairs or the Registrar for an academic overload. In general, a student must have been at Clayton State College for two quarters and have achieved an overall B average before attempting an overload.

STUDIES ABROAD PROGRAM

Clayton State College is a participant in the Studies Abroad Program established by the Board of Regents for University System of Georgia institutions. The Program provides foreign study opportunities for selected students through special arrangements with educational institutions. Both languages and classics programs are available.

Adequate facilities will be provided for the social life of participating students. Personal contact with foreign students and the cultural activities of the host country will be encouraged. At the same time, academic standards acceptable at Clayton State College will be maintained.

College credit may be earned in the Studies Abroad Program. Further details of the Program may be obtained from the foreign language instructor.

CORRESPONDENCE CREDIT

A maximum of twenty quarter hours of correspondence credit will be accepted in a degree program. A student wishing to receive correspondence credit must receive permission from the Registrar on a course-by-course basis.

AUDITING COURSES

A student who wishes to audit a course must register for the course and pay any required fees. Any regularly-enrolled student wishing to audit a course must also complete a Request to Audit Form in the Office of Admissions and Records at the time of registration or during the first week of classes. Courses taken on an audit basis will not be used for certification for Financial Aid, Social Security, or Veterans' Administration benefits.

STATUTE OF LIMITATION ON GRADE APPEALS

Students wishing to file a grade appeal must initiate the appeal during the next quarter of their attendance, or within one calendar year from the quarter in which the grade was assigned, whichever comes first. Students are required to follow the appeal procedures as outlined in the *Student Handbook*.

ACADEMIC HONORS

A student with a quarterly average of 3.6 or higher who is in good academic standing will be placed on the Dean's List for that quarter. Students who take only Developmental Studies courses are not eligible for the Dean's List. Students who are in good academic standing and enrolled in the regular college program plus the Developmental Studies Program must achieve a 3.6 in all college work and Developmental Studies work attempted.

A student eligible for graduation who has taken a minimum of 30 quarter hours of study at Clayton State College, has an average on all transferred credit of no less than 3.5, and has a final cumulative average at Clayton State College of no less than 3.5 will be graduated with honors.

HONORS CONVOCATION

During the Spring Quarter of each year, an Honors Convocation is held to recognize those students from all disciplines who have achieved an overall record of academic excellence.

PHI THETA KAPPA

Phi Theta Kappa is the only nationally-recognized junior college honor fraternity. The Chapter at Clayton State College, chartered in 1975, is designed to recognize and promote academic achievement among all disciplines. Membership is by invitation to students who meet the required academic standards. To qualify, a student must: 1) be enrolled full time, 2) have at least a cumulative 3.5 grade point average, and 3) have earned at least 30 hours of credit at Clayton State College.

GOOD STANDING

Students are in good standing if their cumulative grade point average falls within the minimum acceptable range for the number of hours attempted plus transfer hours and if the quarterly average earned in the last quarter attended was above 1.0.

Quarter Hours Attempted at CSC Plus Transfer Hours	Minimum Acceptable Cumulative Grade Point Average For Good Standing
0-15	No Minimum
16-30	1.5
31-45	1.6
46-60	1.8
61-75	1.9
76-UP	2.0

PROBATION

Probationary status at Clayton State College is based on the concept of officially informing students when their cumulative average or progress rate is so low that graduation within a reasonable time is in doubt.

The section on "Good Standing" indicates the minimum level of achievement for good standing, below which students place themselves on probation. Students who earn no grade higher than a D in any quarter will be placed on probation regardless of their cumulative grade point average.

Grades earned in courses numbered under 100 and grades transferred to Clayton State College are not included in the computation of a student's Grade Point Average. For a transfer student the left-hand column of the table under "Good

Standing" refers to the sum of transferred hours, plus hours attempted at Clayton State College. Students who do not complete required Developmental Studies courses may be placed on probation regardless of their cumulative grade point average.

A student on probation is directed to consult a counselor before beginning the next quarter of attendance. *Students who are below the minimum acceptable standard for the second successive quarter may be continued on probation if their grade point average for the current quarter is 2.0 or higher.*

It is recommended that students on probation carry a reduced academic load until "good standing" is achieved.

SUSPENSION

Students whose cumulative grade point average is below the minimum acceptable standard for two successive quarters or students who are below the minimum acceptable standard for progress in Developmental Studies courses for three quarters will be subject to suspension from the College. Students who earn no grade of "C" or higher in any one quarter are subject to suspension, regardless of their cumulative academic average.

In addition, a student enrolled in more than five quarter hours who has a quarterly grade point average of 0.0 is automatically suspended. Suspension is for a minimum of two quarters. Suspension from the Developmental Studies Program is in accordance with Regents' Policy.

Counseling is available for suspended students to assist them in determining the best course of action. A student suspended for two quarters is eligible to apply for readmission and may be readmitted if there is any indication that further progress toward graduation is probable. Students who are readmitted to the College following academic suspension are required to earn a grade point average of 2.0 or higher during the quarter of readmission; otherwise, students are eligible for immediate suspension. Students suspended for the second time are subject to exclusion from the College for a minimum of four quarters. Students suspended for the third time are subject to exclusion from the College for a minimum of eight quarters.

Any appeal of academic status must be filed with the Vice President for Academic Affairs prior to the first day of classes of the succeeding quarter.

The University System of Georgia requires that each student receiving a degree from a state-supported college must have successfully completed all parts of a competency examination in reading and English composition. *A student may take the Regents' Test after completion of the required core English course(s). A student is required to take the test during the next quarter of enrollment after completing 45 degree quarter hours, including transfer hours. The student who fails to meet this requirement will be subject to academic probation. The student who fails to participate in the Regents' Testing Program during the second academic quarter of enrollment following the completion of 45 quarter credit hours will be subject to suspension from the College.*

POLICY ON THE REGENTS' TESTING PROGRAM

PURPOSE: The Regents' Testing Program is designed to assess the competency level in reading and writing of all students in institutions of the University System of Georgia. Following is the policy of Clayton State College relative to this Test.

ELIGIBILITY: Students are eligible to take the Regents' Test upon completion of the basic core English course(s) required in their major.

REQUIREMENTS: All Associate Degree and Baccalaureate Degree graduates of Clayton State College, with the exception of those cited in the paragraph on "Exceptions," shall exhibit literary competence in certain minimum skills in reading and writing by successfully completing the examinations of the Regents' Testing Program.

All students will be required to take the Regents' Test during the next quarter of enrollment after they have completed forty-five quarter hours of degree credit, if the Test has not been passed previously. Students who fail to meet this requirement will be subject to being placed on Regents' Test probation. Students who fail to participate in the Regents' Testing Program during the second academic quarter of enrollment following the completion of 45 quarter hours, including transfer hours, will be subject to suspension from the College.

Any student who unsuccessfully attempts both parts of the Regents' Test and has fewer than 75 degree credit hours may choose to remediate in only one area and retake that portion of the Test during the next quarter of enrollment. A faculty member will assist the student in determining the more appropriate selection. A student who chooses to remediate and retest in only one area will be informed of the requirement for remediating in and completing the remaining portion of the Test.

Students should have taken and passed both parts of the Regents' Test by the time they have completed seventy-five quarter hours of degree credit. If one part has not been passed by that time, the student shall take college prescribed non-degree credit course in that area until that part of the Test has been passed. Students with 75 or more degree credit hours who have not taken the Test or who have not passed both parts are required to take college prescribed non-degree credit courses in both reading and writing each quarter.

EXCEPTIONS: Any student who holds a baccalaureate or higher degree from a regionally accredited institution of higher education will not be required to complete the Regents' Test in order to be graduated from Clayton State College. In addition, a student who has a declared major in a one-year Certificate Program is not required to complete the Test.

OTHER PROVISIONS: Having passed the Regents' Testing Program shall not be a condition of transfer into Clayton State College. All transferring students from within the University System of Georgia shall be subject to all provisions of this policy. Students from institutions outside of the University System of Georgia transferring into Clayton State College with 45 or more degree credit hours must take the Test during the first quarter of enrollment and in subsequent quarters shall be subject to all provisions of this policy.

Students whose native language is not English may take an alternate form of the Regents' Test which has been approved as certifying literacy competence. These students should contact the Chairman of the Department of Developmental Studies. Otherwise these students are subject to all provisions of this policy.

Disabled students whose disability prohibits participation in the standard administration of the Test should contact the Office of Counseling and Testing to arrange special test procedures. Appropriate provision for remediation will be made for persons not passing components of the Test. Procedures for the administration of the Test and subsequent remediation, if necessary, will vary depending on the individual handicap. These students are otherwise subject to all provisions of the policy.

If only one component of the Test is passed, the component that has been passed need not be retaken. This provision is retroactive to all students who have taken the Test since the inception of the Regents' Testing Program in 1972.

PROCEDURES FOR REVIEW: A student is eligible to request a formal review of his/her failing essay if the essay received at least one passing score among the three scores awarded, provided the student successfully completed the required course(s) in English Composition for his/her major prior to writing the essay.

A student requesting a formal review must initiate the procedure in the Office of Admissions and Records by the second week of his/her first quarter of enrollment following the quarter in which the essay was failed. The review however, may not be initiated after one calendar year from the quarter in which the failure occurred.

A student must participate in the required remediation and retesting even though his/her essay is being reviewed.

As the formal review process is not automatically available to all students who meet the criteria, a student requesting a formal review must meet with a designated faculty member on campus for an initial review of the failed essay. This conference will determine if there is some basis for a formal review. If, after this initial review, questions remain regarding the accuracy of the scoring of the essay, the student may initiate a formal review process.

The formal review will be conducted by three faculty members designated by Clayton State College as a review panel.

The review panel may by majority opinion uphold the failing score and thus end the review process or may by majority opinion recommend that the essay be rescored by the Regents' Testing Program Central Office. The student will be notified of the results of the review panel.

If the review panel recommends rescoring of the essay, that recommendation will be transmitted in writing with a copy of the essay to the Office of the System Director of the Regents' Testing Program. Three experienced Regents' essay scorers, not involved in the initial scoring, will follow the normal procedures for scoring the essay portion of the Regents' Test. The decision of this panel will be final. Clayton State College will notify the student of the result of this review.

DEGREES OFFERED

Clayton State College offers the Associate in Arts, Associate in Applied Science, and the Associate in Science in Aviation Administration degrees through two types of programs: (1) College Transfer Programs which consist of the first two years of regular college studies leading to baccalaureate and professional degrees, and (2) Career and two-year Vocational-Technical Education Programs which are designed to prepare students for immediate gainful employment. In addition, the College offers one-year Certificate Programs in areas of Career and Vocational-Technical Education. Beginning Fall Quarter, 1987, Clayton State College will also offer the Bachelor of Business Administration and the Bachelor of Science in Nursing.

SECOND DEGREE

Any student wishing to pursue a second or subsequent degree at Clayton State College must complete a minimum of 30 hours of credit which has not been used to satisfy the requirements of a previous degree and all of the 30 hours must be earned at Clayton State College.

Any student planning to pursue a second degree must file a written request with the Registrar 20 days prior to enrolling in any of the courses for the additional degree. It should be noted that by pursuing a second associate degree, students may lose credit in transferring into a baccalaureate degree program.

APPLICATION FOR A DEGREE OR CERTIFICATE

Students should file an application for an Associate Degree or Certificate with the Registrar of the College two quarters prior to completion of requirements to insure that all requirements will be satisfied. Students may satisfy the requirements for a degree or certificate by meeting all of the requirements listed in any one of the catalogs in effect during the period of their enrollment in the College. Substitutions may be required, however, for courses no longer being offered. A given catalog is "in effect" for a student only if that student's date of matriculation is prior to the ending date of the Summer Quarter printed in the Academic Calendar of that catalog. Degree requirements for the student enrolled in a College Transfer Program are published on pages 48-49 of this catalog; those for students enrolled in a Career or Vocational-Technical Education Program are published on pages 76-77.

Although students may be graduated at the end of any quarter in which they fulfill the degree requirements of the College, one formal commencement exercise is held each year at the end of Spring Quarter. For students completing requirements in the Spring Quarter, it is expedient that graduation applications be received prior to April 15 in order to insure the arrival of diplomas prior to commencement.

CREDIT BY ASSESSMENT

Clayton State College offers to its students a broad program of Credit By Assessment. College credits may be earned in a number of college courses by successful completion of assessments designed to measure achievement. Credit earned by assessment is recorded by use of the symbol K on the Clayton State College transcript and is transferable to any other unit of the University System of Georgia. The College places no limit on the number of hours of credit a student may earn by assessment. Credits earned by assessment do not alter a student's grade point average.

Assessments used to grant credit to students include the Advanced Placement and College-Level Examinations of the College Entrance Examination Board, the Certified Professional Secretary Examination and special examinations developed by the faculty of the College. Assessments are administered by the Office of Counseling and Testing and by several instructional areas. Decisions to grant credit are based on acceptable scores achieved on the assessments. These scores are set by the faculty of the College through the Credit By Assessment Committee. The scores are reviewed and updated annually and are available in the Office of Counseling and Testing. The types of tests, subject areas, test forms, and minimum acceptable scores are subject to revision by appropriate action of the College. Students interested in credit by assessment should contact the Office of Counseling and Testing, Room D-208, for further information.

Students who meet the established criteria for challenging one or more courses for credit in certain vocational-technical majors should contact the School in which the major is located.

(See listing on page 42.)

**PARTIAL LISTING OF COURSES AND HOURS OF CREDIT
AVAILABLE BY ASSESSMENT**

<i>Course Title</i>	<i>Course Number</i>	<i>Hours of Credit</i>
HUMANITIES		
Communication	ENGL 111, 112	5-10
Survey of English Literature	ENGL 211/212	10
Survey of American Literature I, II	ENGL 221/222	10
French-Elementary and Intermediate	FREN 111, 112, 211	5-15
Spanish-Elementary and Intermediate	SPAN 111, 112, 211	5-15
NATURAL SCIENCES AND MATHEMATICS		
College Algebra	MATH 111	5
Precalculus	MATH 112	5
Calculus and Analytic Geometry	MATH 151/152	10
Principles of Biology	BIOL 111/112	10
Principles of Chemistry	CHEM 151/152	10
• Introduction to Nursing	NURS 105	6
• Offered through the Department of Nursing.		
SOCIAL SCIENCES		
Western Civilization I	HIST 111	5
American Civilization I	HIST 251	5
American Civilization II	HIST 252	5
American National Government	POLI 111	5
General Psychology	PSYC 201	5
Child Growth and Development	PSYC 204	5
Introduction to Sociology	SOCI 105	5
BUSINESS		
Principles of Management and Supervision	BMGT 251	5
Principles of Accounting	ACCT 201/202	10
Legal Environment of Business	BSAD 270	5
Principles of Economics I	ECON 201	5
Principles of Economics II	ECON 202	5
Principles of Marketing	BMGT 281	5
OFFICE ADMINISTRATION AND TECHNOLOGY		
• Keyboarding/Typewriting I, II, III	OADT 111, 112, 113	3-9
• Shorthand I, II, III	OADT 151, 152, 153	5-15
• Business Machines Calculation	OADT 202	5
• Business Communications	OADT 205	5
• Office Procedures I	OADT 207	5
• Offered through the School of Business.		
VOCATIONAL-TECHNICAL EDUCATION		

Students who meet established criteria for challenging courses for credit on certain vocational-technical majors should contact the School in which the major is located.

**HIGH SCHOOL ADVANCED PLACEMENT EXAMINATIONS
(ADMINISTERED THROUGH HIGH SCHOOLS)**

All Advanced Placement Program Examinations administered through high schools require a minimum score of three (3) for credit. Additional High School Advanced Placement Program Examinations may be accepted, with appropriate scores. The test(s) and score(s) will be reviewed by the Director of Admissions.

BACCALAUREATE DEGREE PROGRAMS

NEW BACCALAUREATE DEGREE PROGRAMS

Clayton State College will initially offer two baccalaureate degrees:

- Bachelor of Business Administration, with majors in
 - Accounting
 - Management
 - Computer Science and Information Systems
 - General Business
- Bachelor of Science in Nursing.

The first junior/senior level courses for the Bachelor of Business Administration programs will be offered beginning Fall Quarter, 1987, with the first baccalaureate degree program graduates receiving their diplomas in June, 1989. Junior/senior level courses for the Bachelor of Science in Nursing program will be offered beginning Fall Quarter, 1988, with the first graduating class, June, 1990.

The curriculum for these new programs is being developed, and the specific program requirements will be described in the 1987-88 College Catalog. The brief program descriptions in the remainder of this section should be used by students intending to apply for admission to one of these major programs to plan the freshman/sophomore program of study.

BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.) PROGRAMS

Each of the four Bachelor of Business Administration Programs — Accounting, Management, Computer Science and Information Systems, and General Business — will require approximately 180 quarter credit hours of coursework, including:

- (1) The University System Core Curriculum which includes 60 quarter credit hours of general education and 30 quarter credit hours of major-related coursework at the freshman/sophomore level (see pages 50-51);
- (2) A junior/senior level core of business courses required of all B.B.A. majors and designed to help students acquire a foundation of knowledge in areas such as management, marketing, finance, economics, and organizational behavior;
- (3) Specialized courses appropriate to a specific major; and
- (4) Supervised work experience (for those students not employed in jobs related to their program of study).

Students entering the College prior to Fall, 1987, who intend to apply for admission to a B.B.A. program should work with a faculty advisor in the School of Business in planning the following programs of study.

ACCOUNTING

The Accounting program will be designed to prepare graduates to use their knowledge and skills in accounting in a variety of financial, economic, managerial, and general business settings.

Freshman/Sophomore Program of Study

Students intending to apply for admission to the Accounting program should fulfill all degree requirements for College Transfer Programs outlined on pages 48-49. In fulfilling the Core Curriculum portion of these requirements, students should follow the program of study outlined for Business Administration Transfer Program majors (see page 57).

Junior/Senior Program of Study

In addition to the core of business courses common to all B.B.A. program majors, the program of study for Accounting majors will include courses which focus on the areas of accounting systems, financial and managerial accounting, taxation, and auditing. Junior/senior level courses will be offered at Clayton State College beginning Fall Quarter, 1987.

COMPUTER SCIENCE AND INFORMATION SYSTEMS

The Computer Science and Information Systems program will be designed to prepare graduates to become systems analysts, applications programmers, or information systems specialists in such areas as information systems planning, administration, or resource management.

Freshman/Sophomore Program of Study

Students intending to apply for admission to the Computer Science and Information Systems program should fulfill all degree requirements for College Transfer Programs outlined on pages 48-49. In fulfilling the Core Curriculum portion of these requirements, students should follow the program of study outlined for Business Administration Transfer Program majors (see page 57), with the following modifications in choosing courses within Area II and/or Area IV:

- (1) Mathematics courses should be selected from the sequence Math 111, 112, Math 151, 152, instead of Math 121, 122; and
- (2) Electives chosen should include Computer Science 210 and 220.

Junior/Senior Program of Study

In addition to the core of business courses common to all B.B.A. program majors, the program of study for Computer Science and Information Systems majors will include courses which address such topics as computer concepts and software systems, program, data and file structures, database management systems, data communication systems and networks, and systems analysis and design. Junior/senior level courses will be offered at Clayton State College beginning Fall Quarter, 1987.

MANAGEMENT

The Management program will be designed to prepare graduates to work toward leadership positions in business, industry, government, and other organizations.

Freshman/Sophomore Program of Study

Students intending to apply for admission to the Management program should fulfill all degree requirements for College Transfer Programs outlined on pages 48-49. In fulfilling the Core Curriculum portion of these requirements, students should follow the program of study outlined for Business Administration Transfer Program majors (see page 57).

Junior/Senior Program of Study

In addition to the core of business courses common to all B.B.A. program majors, the program of study for Management majors will include courses which focus on areas such as organizational behavior, personnel and industrial relations, and operations management. Junior/senior level courses will be offered at Clayton State College beginning Fall Quarter, 1987.

GENERAL BUSINESS

The General Business program will be designed to offer a broad program of study that includes the economic, financial, and human relations elements of business. Graduates should be prepared to obtain employment in a variety of business settings.

Freshman/Sophomore Program of Study

Students intending to apply for admission to the General Business program should fulfill all degree requirements for College Transfer Programs outlined on pages 48-49. In fulfilling the Core Curriculum portion of these requirements, students should follow the program of study outlined for Business Administration Transfer Program majors (see page 57).

Junior/Senior Program of Study

In addition to the core of business courses common to all B.B.A. program majors, the program of study for General Business majors will include courses which focus on areas such as economics, management, and information systems. Junior/senior level courses will be offered at Clayton State College beginning Fall Quarter, 1987.

BACHELOR OF SCIENCE IN NURSING

The Bachelor of Science in Nursing program will be a two-year upper division program for registered nurses who are graduates of associate degree or hospital nursing programs. The program will be designed to prepare graduates to practice nursing in a variety of health/illness care settings: hospital, home, and community. In addition, graduates should be prepared to deliver care to individuals, families, and communities by providing comprehensive health care which includes prevention, health promotion, rehabilitation services, health counseling, and teaching. The first junior/senior level courses will be offered Fall Quarter, 1988.

Registered nurses or students enrolled in Clayton State College's Registered Nursing program who desire further information about this program should consult with a faculty advisor in the School of Health Sciences.

COLLEGE TRANSFER PROGRAMS

COLLEGE TRANSFER PROGRAMS

Clayton State College currently offers the first two years of college work in major fields of study common to all state-supported institutions in Georgia. Freshman and sophomore credits earned with acceptable grades within this program may be transferred without loss upon acceptance to any university, senior college or junior college within the University System. (Grades of "D" have limited transferability to some institutions.)

CHOOSING A COURSE OF STUDY

Each student is required to declare a major field of study with the Office of Admissions and Records on or before completing 60 quarter credit hours of work. Although an Advisement Program is provided the student at Clayton State College, *each student is responsible for knowing and for fulfilling the curriculum requirements within a major, and for the graduation requirements of the College.*

UNDECIDED MAJORS

Students who are undecided about the major course of study they wish to pursue should follow the general guidelines for Areas I, II and III of the Core Curriculum until they have selected a major.

FULFILLING DEGREE REQUIREMENTS FOR COLLEGE TRANSFER PROGRAMS

For graduation with the Associate in Arts Degree or the Associate in Applied Science Degree, the following requirements must be completed by each student enrolled in a College Transfer Program:

1. Satisfy General Education requirements (coursework in Areas I, II and III of the Core Curriculum and assessments);

Note I: Foreign Language. When a foreign language is required, or chosen as an elective, within a major, a student taking 10 quarter hours must complete this credit within the same language. A student with proven competence in a language may receive credit by examination.

Note II: History and Constitution Requirements. The State of Georgia requires that any person receiving a degree from a state-supported college must demonstrate a knowledge of the history and Constitution of the United States and Georgia.

To meet both requirements, students are required to complete either History 251, American Civilization I, or History 252, American Civilization II; and Political Science 111, American National Government.

Transfer students from non-University System institutions with previous credit for American History and American Government must complete competency examinations on Georgia history and Georgia Constitution. For information on these examinations, contact the School of Arts and Sciences or the Office of Admissions and Records.

2. Satisfy Core Curriculum requirements for Area IV for one specific major field of study; a minimum of 30 quarter credit hours;
3. Satisfy the College's requirements in Health and Physical Education: 6 quarter credit hours;

Note III: Health and Physical Education Requirements. Each full-time student enrolled in a College Transfer Program who is registered for at least one day class shall complete one quarter credit hour in physical education for each academic quarter of full-time registration up to a maximum of six quarter credit hours.

Veterans are eligible to receive one quarter credit hour in physical education for each three-month period of active duty up to a maximum of six quarter credit hours. Any veteran wishing to receive this credit must complete the appropriate form in the Office of the Registrar and attach to it a copy of his/her DD-214.

4. Complete the above requirements with a minimum 2.0 Grade Point Average;
5. Complete a minimum of 30 of the last 35 quarter credit hours of degree requirements at Clayton State College;

6. Successfully complete the Regents' Testing Program of the University System of Georgia.

Note IV: Regents' Testing Program. The University System of Georgia requires that each student receiving a degree from a state-supported college must have successfully completed all parts of a competency examination in reading and English composition. *A student may take the Regents' Test after completion of the required core English course(s). A student is required to take the Test in the quarter after completing 45 degree quarter hours, including transfer hours. The student who fails to meet this requirement will be subject to Regents' Test probation. The student who fails to participate in the Regents' Testing Program during the second academic quarter of enrollment following the completion of 45 quarter credit hours will be subject to suspension from the College. (See the complete Regents' Testing Program Policy on pages 38-39.)*

The Regents' Testing Program of the University System of Georgia is administered at Clayton State College once during each quarter through the Office of Counseling and Testing. The College provides a program of remedial instruction for the student who does not successfully complete either part of the Regents' Testing Program. *Any student who unsuccessfully attempts both parts of the Regents' Testing Program and has fewer than 75 degree credit hours may choose to remediate in only one area and retake only that portion of the Test during the next quarter of enrollment. A faculty member will assist students in determining the more appropriate selection. Students who choose to remediate and retest in only one area will be informed of the requirement for remediating in and completing the remaining portion of the Test.*

Students with 75 or more degree credit hours who have taken the Test and not passed either part are required to take remedial courses in both reading and writing each quarter.

Students transferring 45 quarter hours or more from another institution who have not successfully completed the Regents' Testing Program will be required to take the examination during their first quarter of attendance at Clayton State College.

7. Successfully complete the College's "writing across the curriculum" requirements (applicable to students entering the College during the Fall Quarter, 1986, or subsequent quarters, with not more than 15 quarter credit hours of transfer credit accepted from another institution). See pages 52-53.

CORE CURRICULUM

College Transfer Programs offered by Clayton State College are designed to comply with the Core Curriculum of the University System of Georgia. The Core Curriculum was established by the Board of Regents for the general purpose of aiding and facilitating the educational progress of students as they pursue baccalaureate degrees within and among the units of the University System. Under the guidelines of the Core Curriculum, the student who successfully completes the approved Core or any portion of it at Clayton State College may transfer this work to any junior college, senior college, or university of the University System without loss of credit. The Core Curriculum of the University System of Georgia provides the following four areas of study: Area I, Humanities; Area II, Natural Sciences and Mathematics; Area III, Social Sciences (20 quarter credit hours within each preceding area of study); and Area IV, Major Field Studies (30 quarter credit hours). The general curriculum to be followed by each College Transfer Program student at Clayton State College to fulfill requirements within Areas I, II and III of the Core Curriculum is outlined on the following three pages.

CORE CURRICULUM REQUIREMENTS, AREAS I, II, III

AREA I — HUMANITIES			Quarter Credit Hours
Course	Number	Title	
A.	ENGL 111 and 112	Communication: The Uses of Language I and II	10
B.	Choose two of the following:		10
	ART 211	Art Appreciation	
	ART 213	Ancient, Medieval, and Renaissance Art	
	DRMA 211	Appreciation of the Dramatic Arts	
	ENGL 201	Survey of World Literature I	
	ENGL 202	Survey of World Literature II	
	ENGL 211	Survey of English Literature I	
	ENGL 212	Survey of English Literature II	
	ENGL 221	Survey of American Literature I	
	ENGL 222	Survey of American Literature II	
	¹ FREN 111	Elementary French	
	¹ FREN 112	Elementary French	
	² IDST 101	Selected Topics	
	MUSI 211	Music Appreciation	
	PHIL 211	Introduction to Philosophy	
	¹ SPAN 111	Elementary Spanish	
	¹ SPAN 112	Elementary Spanish	
	SPCH 121	Communications	
	Total		20

¹Foreign Language. When a foreign language is required, or chosen as an elective, within a major, a student taking 10 quarter hours must complete this credit within the same language. A student with proven competence in a language may receive credit by examination.

²Interdisciplinary Studies may count for credit in any of the areas of the Core represented. This selection must be made at the time of registration for the course.

AREA II — NATURAL SCIENCES AND MATHEMATICS

Course	Number	Title	Quarter Credit Hours
A.	Choose one of the following:		5
	MATH 105	Mathematics for Liberal Arts	
	MATH 111	College Algebra	
	MATH 112	Precalculus	
	MATH 121	Decision Mathematics	
	MATH 151	Calculus and Analytic Geometry	
B.	Choose one of the following sequences:		10
	BIOL 111 and 112	Principles of Biology	
	BIOL 111 and 113	Principles of Biology	
	CHEM 111 and 112	General Chemistry	
	CHEM 151 and 152	Principles of Chemistry	
	PHYS 151 and 152	Introductory General Physics I and II	
	PHYS 151 and 153	Introductory General Physics I and III	
	PHYS 251 and 252	General Physics I and II	
C.	Making sure that no more than a total of 10 hours is being elected in any one subject, choose one of the following:		5
	1) one additional course from the science courses listed above;		
	2) any additional mathematics course numbered 100 or higher, except 107 and 122;		
	3) CHEM 121	Survey of Chemistry	
	4) COMP 201	Introduction to Computing	
	5) COMP 210	Principles of Computer Programming I	
	¹ 6) IDST 101	Selected Topics	
	7) SCI 105	Environmental Science	
	8) SCI 110	Science Appreciation	
	Total		20

AREA III — SOCIAL SCIENCES

Course	Number	Title	Quarter Credit Hours
A.	² HIST 251 or 252	American Civilization I or II	5
B.	³ POLI 111	American National Government	5
C.	Choose one of the following:		5
	ECON 110	Consumer Economics	
	PSYC 201	General Psychology	
	SOCI 105	Introduction to Sociology	
D.	After completion of A, B and C, students should enroll in:		5
	HIST 112	Western Civilization II	
	Total		20

¹Interdisciplinary Studies may count for credit in any of the areas of the Core represented. This selection must be made at the time of registration for the course.

²Either HIST 251 or HIST 252 satisfies the legislative requirement for the study of U.S. and Georgia history. Either may be taken. HIST 251 is not a prerequisite for HIST 252.

³POLI 111 satisfies the legislative requirement for the study of the U.S. and Georgia Constitutions.

THE CLAYTON STATE COLLEGE WRITING PROGRAM

An important outcome expected of Clayton State College graduates is the ability to communicate effectively in writing. To help students develop this ability, basic instruction in writing is provided in English 111 and 112. These courses should be taken as early as possible in a student's college program. Because it is a college-wide emphasis, writing is also required and evaluated in most College courses.

To help students be able to evaluate their progress in developing writing skills and to ensure that all Clayton State College graduates have developed the ability to write effectively, assessment is an important part of the writing program. At several points in a student's career at the College, he or she will be required to meet the College's required standards in writing.

1. All new students are required to complete an entry writing assessment to determine appropriate placement in Communication courses. (See page 22 of this Catalog.)
2. Students previously enrolled at Clayton State College must complete an entry writing assessment before taking English 111 or 112.
3. In each of the required Communication courses (English 111 and 112), students must meet the required standards as a part of the course requirements.
4. All college transfer program students entering the College during the Fall Quarter, 1986, or subsequent quarters must fulfill the "writing across the curriculum" assessment requirements (described below). Requirements for students transferring to Clayton from other institutions will be based on hours of credit transferred and will be determined on an individual basis.

Clayton State College's definition of effective writing is expressed in a set of writing criteria and performance standards which are used in determining whether a student has met the above requirements.

"Writing Across the Curriculum" Assessment Requirements

After successful completion of English 112, each student must obtain **four** certifications of successful demonstration of writing ability.

- (1) Three of these certifications must be obtained in General Education courses (Areas I, II, and III of the Core Curriculum), one certification in each of the three Core Areas of Humanities, Natural Sciences and Mathematics, and Social Sciences). These three certifications should be obtained after completing Communication 112 and prior to completing 65 quarter credit hours and must be completed before obtaining the fourth writing certification described in (2) below.
- (2) The fourth writing certification must be obtained in a course in a student's major area (Area IV of the Core Curriculum), or, occasionally, in a setting selected in consultation with the student's faculty advisor. This fourth certification must be obtained after the completion of 60 quarter credit hours and prior to the completion of 90 quarter credit hours.

The four certifications outlined above may be obtained in courses designated as writing assessment sites. These courses will be identified in the schedule of classes for each quarter (beginning Winter Quarter, 1987), and a list of the courses will be distributed to students completing English 112 during the 1986-87 academic year.

Writing assessments will typically be assignments that are a part of the courses in which a student is attempting to obtain a certification. Each assessment will be evaluated by the instructor of the course in which the assessment occurs. The student will be notified of the result by the instructor.

It is the responsibility of the student to be aware of his or her progress toward fulfilling the writing assessment requirements. Each student should work closely with a faculty advisor in planning a program of study and selecting courses which will allow him or her to meet these requirements.

PERSONAL CURRICULUM GUIDE: TRANSFER STUDENTS

Course	Date Completed or Exempted	Grade Received	Quarter Credit Hours Earned
AREA I — HUMANITIES			
A. ENGL 111	_____	_____	_____
ENGL 112	_____	_____	_____
B. _____	_____	_____	_____
_____	_____	_____	_____

AREA II — NATURAL SCIENCES AND MATHEMATICS

A. ¹ MATH _____	_____	_____	_____
B. _____	_____	_____	_____
C. _____	_____	_____	_____

¹MATH 107 and 122 are not acceptable as Area II courses.

AREA III — SOCIAL SCIENCES

A. HIST _____	_____	_____	_____
B. POLI 111 _____	_____	_____	_____
C. _____	_____	_____	_____
D. ² HIST 112 _____	_____	_____	_____

²The completion of A, B and C are prerequisites to enrollment in HIST 112.

AREA IV — MAJOR FIELD

(A total of 30 quarter credit hours is required in Area IV, the student's major field.)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

DEGREE REQUIREMENT CHECKLIST

- United States and Georgia History (see page 48)
- United States and Georgia Constitution (see page 48)
- Regents' Testing Program, University System of Georgia (see pages 38-39, 49)
- Major Field Declared with Registrar (see page 47)
- Health and Physical Education (see page 48)
- Foreign Language (see page 48)
- Application for a Degree or Certificate (see page 40)
- Writing Assessments (see pages 52-53).
 - Area I (Humanities)
 - Area II (Natural Sciences and Mathematics)
 - Area III (Social Sciences)
 - Area IV (Major)

AREA IV REQUIREMENTS COLLEGE TRANSFER PROGRAMS

Each student who plans to transfer into a baccalaureate degree program must complete at least 30 quarter credit hours within a field of study to fulfill the 90 quarter hours required for the Associate in Arts Degree. Area IV courses required within each major field of College Transfer Programs offered by Clayton State College are listed on the following pages of this section.

AGRICULTURAL ENGINEERING

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. BIOL	111	Principles of Biology	5
B.	Choose three of the following:		15
MATH	112	Precalculus	
MATH	151	Calculus and Analytic Geometry I	
MATH	152	Calculus and Analytic Geometry II	
MATH	251	Calculus and Analytic Geometry III	
C.	Choose two of the following:		10
BIOL	112	Principles of Biology	
BIOL	113	Principles of Biology	
PHYS	151	Introductory General Physics I	
PHYS	152	Introductory General Physics II	
Total			30

Note: It is recommended that a student majoring in agricultural engineering complete SPCH 121 in fulfilling requirements for Area I and MATH 111 and 112 in fulfilling requirements for Area II.

AGRICULTURE

Advising Schools: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. BIOL	111	Principles of Biology	5
B. BIOL	112 or 113	Principles of Biology	5
C.	Choose four of the following:		20
ACCT	201	Principles of Accounting I	
ACCT	202	Principles of Accounting II	
BIOL	112	Principles of Biology	
BIOL	113	Principles of Biology	
BIOL	203	Vertebrate Zoology	
CHEM	111 or 151	General Chemistry or Principles of Chemistry	
CHEM	112 or 152	General Chemistry or Principles of Chemistry	
CHEM	201	Introduction to Chemical Analysis	
CHEM	251	Organic Chemistry	
ECON	201	Principles of Economics I	
ECON	202	Principles of Economics II	
MATH	111	College Algebra	
MATH	112	Precalculus	
MATH	151	Calculus and Analytic Geometry I	
MATH	231	Introductory Statistics	
PHYS	151	Introductory General Physics I	
PHYS	152	Introductory General Physics II	
Total			30

Note: It is recommended that a student majoring in agriculture complete SPCH 121 in fulfilling requirements for Area I and MATH 111 and 112 in fulfilling requirements for Area II.

ART

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A.	ART 111	Art Structure I	5
B.	ART 112	Art Structure II	5
C.	ART 113	Art Structure III	5
D.	ART 114	Art Structure IV	5
E.	ART 213	Ancient, Medieval, and Renaissance Art	5
F.	Choose one of the following:		5
	ART 221	Painting	
	ART 222	Drawing	
	ART 223	Sculpture	
	ART 224	Ceramics	
Total			30

ART EDUCATION

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A.	ART 111	Art Structure I	5
B.	ART 112	Art Structure II	5
C.	ART 113	Art Structure III	5
D.	ART 114	Art Structure IV	5
E.	EDUC 201	Introduction to Education	5
F.	Choose one of the following:		5
	PSYC 201	General Psychology	
	PSYC 204	Child Growth and Development	
Total			30

BIOLOGY

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A.	BIOL 111 and 113	Principles of Biology	10
B.	Choose from the following:		(10-20)
	BIOL 112	Principles of Biology	
	BIOL 203	Vertebrate Zoology	
	CHEM 151	Principles of Chemistry	
	CHEM 152	Principles of Chemistry	
	CHEM 201	Introduction to Chemical Analysis	
	CHEM 251	Organic Chemistry	
	CHEM 252	Organic Chemistry	
	A foreign language		
	PHYS 151	Introductory General Physics I	
	PHYS 152	Introductory General Physics II	
	PHYS 153	Introductory General Physics III	
C.	Choose from the following:		(0-10)
	MATH 111	College Algebra	
	MATH 112	Precalculus	
	MATH 151	Calculus and Analytic Geometry I	
	MATH 152	Calculus and Analytic Geometry II	
D.	Choose from the following:		(0-5)
	COMP 201	Introduction to Computing	
	COMP 210	Principles of Computer Programming I	
Total			30

Note: It is recommended that a student majoring in biology complete MATH 111 and 112 and CHEM 151 and 152 in fulfilling requirements for Area II.

¹It is recommended that a student majoring in biology complete a foreign language in fulfilling requirements for Area I. A minimum of 5 quarter hours of a foreign language is required in transferring to a senior college.

BUSINESS ADMINISTRATION

Advising School: Business

Course	Number	Title	Quarter Credit Hours
A.	ACCT 201 and 202	Principles of Accounting I and II	10
B.	ECON 201 and 202	Principles of Economics I and II	10
C.	Choose two of the following:		10
	BSAD 270	Legal Environment of Business	
	OADT 205 or SPCH 121	Business Communications or Communications	
¹ MATH	122	Decision Mathematics II	
Total			30

¹MATH 122 is recommended for a student who plans to transfer into a baccalaureate degree program in business administration; it is recommended that business majors take MATH 121 in fulfilling requirements for Area II. Actuarial or Information Science majors should consult an advisor.

BUSINESS EDUCATION

Advising School: Business

Course	Number	Title	Quarter Credit Hours
A.	PSYC 201	General Psychology	5
B.	EDUC 201	Introduction to Education	5
C.	SPCH 121	Communications	5
D.	ACCT 201 and 202	Principles of Accounting I and II	10
E.	Choose one of the following:		5
	ECON 201	Principles of Economics I	
	OADT 205	Business Communications	
Total			30

Note: A student who has taken the CPS examination may receive course credit for any parts passed.

CHEMISTRY

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A.	Choose four of the following:		20
	CHEM 151	Principles of Chemistry	
	CHEM 152	Principles of Chemistry	
	CHEM 201	Introduction to Chemical Analysis	
	CHEM 251	Organic Chemistry	
	CHEM 252	Organic Chemistry	
B.	Choose two of the following:		10
	MATH 112	Precalculus	
	MATH 151	Calculus and Analytic Geometry I	
	MATH 152	Calculus and Analytic Geometry II	
	MATH 251	Calculus and Analytic Geometry III	
	PHYS 251	General Physics I	
	PHYS 252	General Physics II	
	PHYS 253	General Physics III	
Total			30

Note: It is recommended that a student majoring in chemistry complete MATH 112 and 151 and PHYS 251 and 252 in fulfilling requirements for Area II.

COMPUTER SCIENCE

Advising School: Business

Course	Number	Title	Quarter Credit Hours
A. COMP	210 and 220	Principles of Computer Programming I and II	10
COMP	211	File Processing	5
B. ¹ MATH	151 and 152	Calculus and Analytic Geometry I and II	10
C. Choose one of the following:			
MATH	112	Precalculus	
MATH	214	Introductory Linear Algebra	
MATH	251	Calculus and Analytic Geometry III	
MATH	252	Calculus and Analytic Geometry IV	
OR			5
² Choose one of the following:			
ACCT	201	Principles of Accounting I	
MATH	231	Introductory Statistics	
Total			30

Note: Since requirements vary with senior institutions, it is recommended that students consult an advisor to determine the best choices in Area IV.

¹It is recommended that students complete MATH 112 in Area II.

²This option should be chosen only by students intending to pursue a major in Information Systems.

CRIMINAL JUSTICE

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. CJUS	201	Introduction to Criminal Justice	5
B. CJUS	202	Criminology	5
C. POLI	200	State and Local Government	5
D. SOCI	201	Contemporary Social Issues	5
E. ² PSYC	201	General Psychology	5
or			
SOCI	105	Introduction to Sociology	
F. SOCIAL SCIENCE ELECTIVE			5
Total			30

²The course not taken under E should be taken as an elective in Area III.

Note: Students should be aware that not all of these courses are offered every quarter. They should consult an advisor in the School of Arts and Sciences in order to plan their program.

ENGLISH

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. ENGL	211 and 212	Survey of English Literature I and II	10
B. ³ A foreign language			(10-20)
C. Choose from the following:			(0-10)
ART	211	Art Appreciation	
ART	213	Ancient, Medieval, and Renaissance Art	
DRMA	211	Appreciation of the Dramatic Arts	
ENGL	201	Survey of World Literature I	
ENGL	202	Survey of World Literature II	
ENGL	221	Survey of American Literature I	
ENGL	222	Survey of American Literature II	
HIST	111	Western Civilization I	
HIST	251	American Civilization I	
HIST	252	American Civilization II	
MUSI	211	Music Appreciation	
PHIL	211	Introduction to Philosophy	
PHIL	221	Introduction to Logic	
PSYC	201	General Psychology	
PSYC	204	Child Growth and Development	
SPCH	121	Communications	
Total			30

³It is required that the student show competence through the intermediate level.

FORESTRY

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. BIOL	111 and 113	Principles of Biology	10
B. CHEM	251	Organic Chemistry	5
C. Choose from the following:			5
COMP	201	Introduction to Computing	
COMP	210	Principles of Computer Programming I	
D. PHYS	151 and 152	Introductory General Physics I and II	10
Total			30

Note: It is recommended that a student majoring in forestry complete SPCH 121 in fulfilling requirements for Area I and MATH 112 and 151 and CHEM 151 and 152 in fulfilling requirements for Area II.

FRENCH

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. FREN	111 and 112	Elementary French I and II	(0-10)
B. FREN	211 and 212	Intermediate French	10
C. Making sure that no more than a total of 10 hours is being elected in any one subject, choose from the following:			(10-20)
ART	211	Art Appreciation	
ART	213	Ancient, Medieval, and Renaissance Art	
DRMA	211	Appreciation of the Dramatic Arts	
ECON	110	Consumer Economics	
ECON	201	Principles of Economics I	
ECON	202	Principles of Economics II	
HIST	111	Western Civilization I	
HIST	251	American Civilization I	
HIST	252	American Civilization II	
MUSI	211	Music Appreciation	
PHIL	211	Introduction to Philosophy	
PHIL	221	Introduction to Logic	
POLI	200	State and Local Government	
POLI	211	Introduction to Comparative Politics	
PSYC	201	General Psychology	
PSYC	204	Child Growth and Development	
SOCI	105	Introduction to Sociology	
SOCI	201	Contemporary Social Issues	
SOCI	204	Marriage and the Family	
SPAN	111	Elementary Spanish I	
SPAN	112	Elementary Spanish II	
SPAN	211	Intermediate Spanish	
SPAN	212	Intermediate Spanish	
SPCH	121	Communications	
Total			30

Note: It is recommended that a student majoring in French who needs FREN 111 and/or FREN 112 apply credits in these courses to Area I requirements.

GEOLOGY

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. Choose from the following:			
BIOL	111	Principles of Biology	(0-15)
BIOL	112	Principles of Biology	
BIOL	113	Principles of Biology	
BIOL	203	Vertebrate Zoology	
B. Choose from the following:			
CHEM	151	Principles of Chemistry	(0-15)
CHEM	152	Principles of Chemistry	
CHEM	251	Organic Chemistry	
CHEM	252	Organic Chemistry	
C. Foreign Language			
D. Choose from the following:			
MATH	112	Precalculus	(0-15)
MATH	151	Calculus and Analytic Geometry I	
MATH	152	Calculus and Analytic Geometry II	(0-20)
MATH	251	Calculus and Analytic Geometry III	
MATH	252	Calculus and Analytic Geometry IV	(0-15)
E. Choose from the following:			
PHYS	151	Introductory General Physics I	(0-15)
PHYS	152	Introductory General Physics II	
PHYS	153	Introductory General Physics III	
Total			30

Note: It is recommended that a student majoring in geology planning to elect MATH 151 and 152 complete MATH 111 and 112 in fulfilling requirements for Area II. MATH 111 also is a prerequisite for CHEM 151 and PHYS 151.

HISTORY

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. HIST 251 or 252 American Civilization I or II			
B. HIST 111 Western Civilization I			
C. Choose one of the following:			
POLI	200	State and Local Government	5
POLI	211	Introduction to Comparative Politics	
D. Choose a foreign language sequence and one of the following:			
OR			
Choose three of the following:			
ECON	201	Principles of Economics I	15
POLI	200	State and Local Government	
POLI	211	Introduction to Comparative Politics	
PSYC	201	General Psychology	
SOCI	105	Introduction to Sociology	
SOCI	201	Contemporary Social Issues	
Total			30

HOME ECONOMICS

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
Choose six of the following:			
ART	111	Art Structure I	30
BIOL	111	Principles of Biology	
BIOL	112 or 113	Principles of Biology	
CHEM	111	General Chemistry	
CHEM	112	General Chemistry	
CHEM	151	Principles of Chemistry	
CHEM	152	Principles of Chemistry	
EDUC	201	Introduction to Education	
ECON	201	Principles of Economics I	
ECON	202	Principles of Economics II	
MATH	112	Precalculus	
MATH	151	Calculus and Analytic Geometry I	
MATH	152	Calculus and Analytic Geometry II	
PHYS	151	Introductory General Physics I	
PHYS	152	Introductory General Physics II	
PSYC	201	General Psychology	
PSYC	204	Child Growth and Development	
SOCI	105	Introduction to Sociology	
SOCI	201	Contemporary Social Issues	
SOCI	204	Marriage and the Family	
Total			30

Note: It is recommended that SPCH 121 and any English literature course be taken in Area I. CHEM 151 and 152 are required of students majoring in nutrition. PSYC 201 is required at the University of Georgia for all Home Economics majors.

JOURNALISM

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours	
A. A foreign language:				
B. Choose one of the following:				
JOUR	100	Journalism Laboratory	15 (0-5)	
JOUR	101	Mass Communications Practicum		
C. Choose one of the following				
ART	211	Art Appreciation	5	
ART	213	Ancient, Medieval, and Renaissance Art		
DRMA	211	Appreciation of the Dramatic Arts		
ENGL	201	Survey of World Literature I		
ENGL	202	Survey of World Literature II		
ENGL	221	Survey of American Literature I		
ENGL	222	Survey of American Literature II		
MUSI	211	Music Appreciation		
PHIL	211	Introduction to Philosophy		
PHIL	221	Introduction to Logic		
SPCH	121	Communications		
D. Choose one of the following:				
ECON	110	Consumer Economics		(5-10)
ECON	201	Principles of Economics I		
ECON	202	Principles of Economics II		
HIST	111	Western Civilization I		
HIST	251	American Civilization I		
HIST	252	American Civilization II		
POLI	200	State and Local Government		
POLI	211	Introduction to Comparative Politics		
PSYC	201	General Psychology		
PSYC	204	Child Growth and Development		
SOCI	105	Introduction to Sociology		
SOCI	201	Contemporary Social Issues		
Total			30	

MATHEMATICS

Advising School: Arts and Sciences

	Course	Number	Title	Quarter Credit Hours (0-15)
A.	Choose from the following:			
	MATH	112	Precalculus	
	MATH	151	Calculus and Analytic Geometry I	
	MATH	152	Calculus and Analytic Geometry II	
B.	MATH	251 and 252	Calculus and Analytic Geometry III and IV	10
C.	A foreign language (French is recommended)			
D.	Choose from the following:			
	CHEM	151	Principles of Chemistry	(0-10)
	CHEM	152	Principles of Chemistry	(0-20)
	COMP	201 or 210	Introduction to Computing or Principles of Computer Programming I	
	COMP	211 or 220	File Processing or Principles of Computer Programming II	
	EDUC	201	Introduction to Education	
	MATH	214	Introductory Linear Algebra	
	PHYS	251	General Physics I	
	PHYS	252	General Physics II	
	PHYS	253	General Physics III	
	Total			30

*Students should begin their study of mathematics in the highest level course possible based on their ability and background. It is recommended that two of the following courses be taken in Area II: MATH 111, 112, 151, 152, COMP 210. It is recommended that students consult an advisor to determine the best choices in Areas II and IV.

MEDICAL ILLUSTRATION

Advising School: Arts and Sciences

	Course	Number	Title	Quarter Credit Hours
A.	ART	111, 112, 113 and 114	Art Structure I, II, III and IV	20
B.	BIOL	111 and 112	Principles of Biology	10
	Total			30

MEDICAL RECORDS ADMINISTRATION

Advising School: Arts and Sciences

The medical records administrator has administrative and managerial ability in addition to the mastery of medical records techniques. This Program is designed for students desiring to transfer from Clayton State College to the Medical College of Georgia or to Emory University for professional courses in medical records. It is recommended that students see an advisor concerning the varying requirements of senior institutions. Typing proficiency is required in all programs.

	Course	Number	Title	Quarter Credit Hours
A.	BIOL	151 and 152	Human Anatomy and Physiology	(0-10)
B.	OADT	111 and 112	Keyboarding I and II	(0-6)
	OADT	112 and 113	Keyboarding II and III	
C.	Choose no more than three of the following:			
	ART	211	Art Appreciation	(0-15)
	PHIL	211	Introduction to Philosophy	
	PSYC	201	General Psychology	
	SPCH	121	Communications	
D.	Choose no more than three of the following:			
	COMP	201 or 210	Introduction to Computing or Principles of Computer Programming I	(0-15)
	MATH	111	College Algebra	
	MATH	231	Introductory Statistics	
	Total			30 or 31

MUSIC

Advising School: Arts and Sciences

	Course	Number	Title	Quarter Credit Hours
A.	MUSI	100	Music Literature Survey	2
B.	MUSI	111, 112, 113 201, 202, 203	Music Theory	18
C.	MUSI	152	Applied Music	3
D.	MUSI	252	Applied Music	3
E.	MUSI	191	Ensemble	6
	Total			32

*All six quarter credit hours of applied music must be earned in the student's major instrument or voice.

Note: All music majors must demonstrate keyboard proficiencies in the following areas: scales, arpeggios cadence chords, sight reading harmonization and transposition. Students must enroll in Music 150a, 151a, or a higher level applied piano course each quarter they are enrolled until the proficiency is demonstrated.

PHILOSOPHY

Advising School: Arts and Sciences

	Course	Number	Title	Quarter Credit Hours
A.	A foreign language			
B.	PHIL	211	Introduction to Philosophy	5
C.	PHIL	221	Introduction to Logic	5
D.	Elective courses in art, mathematics, music, natural sciences or social sciences			
	Total			10
				30

PHYSICAL EDUCATION/HEALTH

Advising School: Arts and Sciences

	Course	Number	Title	Quarter Credit Hours
A.	Choose one of the following:			
	BIOL	102	Body Structure and Function	5
	BIOL	151	Human Anatomy and Physiology	
B.	EDUC	201	Introduction to Education	5
C.	PSYC	204	Child Growth and Development	5
D.	Elective course in art, drama, music, or speech			
E.	Courses appropriate to the academic goals of the health, physical education teacher			
	Total			10
				30

Note: It is recommended that a student majoring in physical education complete the following:
1) SPCH 121 Communications (in fulfilling Area I)
2) PSYC 201 General Psychology (in fulfilling Area III)

Note: It is recommended that a student majoring in physical education/health who has not had high school chemistry complete CHEM 111 and 112 in fulfilling requirements for Area II. Students who have had high school chemistry should complete CHEM 121 in "C" of Area II plus an elective sequence in either biology or physics in "B" of Area II in fulfilling requirements for Area II.

PHYSICS/PRE-ENGINEERING

Advising School: Arts and Sciences

	<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A.	PHYS	251, 252 and 253	General Physics I, II and III	15
B.	Choose three of the following:			15
	CHEM	151	Principles of Chemistry	
	CHEM	152	Principles of Chemistry	
	MATH	151	Calculus and Analytic Geometry I	
	MATH	152	Calculus and Analytic Geometry II	
	MATH	251	Calculus and Analytic Geometry III	
	MATH	252	Calculus and Analytic Geometry IV	
	Total			30

Note: It is recommended that a student majoring in physics or pre-engineering complete MATH 112 and 151 and CHEM 151 and 152 in fulfilling requirements in Area II.

Note: A student planning to transfer to Southern Technical Institute to major in some field of engineering technology should refer to Area IV requirements for pre-engineering Technology on page 65 of this catalog.

POLITICAL SCIENCE

Advising School: Arts and Sciences

	<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A.	POLI	200	State and Local Government	5
B.	POLI	211	Introduction to Comparative Politics	5
C.	Choose a foreign language sequence and two of the following OR Choose four of the following:			20
	COMP	201	Introduction to Computing	
	ECON	201	Principles of Economics I	
	HIST	111	Western Civilization I	
	HIST	251	American Civilization I	
	HIST	252	American Civilization II	
	MATH	231	Introductory Statistics	
	PSYC	201	General Psychology	
	SOCI	105	Introduction to Sociology	
	SOCI	201	Contemporary Social Issues	
	SOCI	204	Marriage and the Family	
	Total			30

PRE-DENTAL HYGIENE

Advising School: School of Health Sciences

This Program is intended to give the student initial college work toward the baccalaureate degree in dental hygiene offered by the Medical College of Georgia. It should not be confused with the two-year Career Program in Dental Hygiene offered by Clayton State College. The student is advised to consult with the Director of the Department of Dental Hygiene at the Medical College of Georgia in order to obtain optimum choice of courses at Clayton State College.

	<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A.	BIOL	151 and 152	Human Anatomy and Physiology	10
B.	CHEM	111 and 112	General Chemistry	10
C.	PSYC	201	General Psychology	5
D.	SPCH	121	Communications	5
	Total			30

Note: It is recommended that a student majoring in pre-dental hygiene who has not had high school chemistry complete CHEM 111 and 112 in fulfilling requirements for Area II.

Note: Students who have had high school chemistry should complete CHEM 121 in "C" of Area II plus a sequence in either biology or physics in "B" of Area II in fulfilling requirements for Area II.

PRE-DENTISTRY

Advising School: Arts and Sciences

Pre-Dentistry meets the course requirements for dental school. Preparatory programs for professional schools may not adhere to the Core Curriculum although the curricula are similar. These programs may have specific requirements in all four areas of the Core Curriculum.

The School of Dentistry at the Medical College of Georgia requires applicants for admission to have completed a minimum of 90 quarter credit hours of college courses, however, most successful applicants have completed baccalaureate degrees.

The courses specified below include all of the college courses required of applicants by the School of Dentistry of the Medical College of Georgia.

	<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
AREA I — HUMANITIES				
	Standard Area I Core (see page 50)			20
AREA II — NATURAL SCIENCES AND MATHEMATICS				
A.	Choose two of the following:			10
	MATH	111	College Algebra	
	MATH	112	Precalculus	
	MATH	151	Calculus and Analytic Geometry I	
	MATH	152	Calculus and Analytic Geometry II	
B.	CHEM	151 and 152	Principles of Chemistry	10
	Total			20
AREA III — SOCIAL SCIENCES				
	Standard Area III Core (see page 51)			20
AREA IV — MAJOR FIELD REQUIREMENTS				
A.	BIOL	111 and 113	Principles of Biology	10
B.	CHEM	251 and 252	Organic Chemistry	10
C.	PHYS	151	Introductory General Physics I	5
D.	Choose one of the following:			5
	PHYS	152	Introductory General Physics II	
	PHYS	153	Introductory General Physics III	
	Total			30

Note: The Pre-Dentistry advisor can give additional information on other requirements for this professional program. Students are expected to consult with the institution to which they plan to transfer to determine all entrance requirements. Graduation from Clayton State College in a pre-professional program does not guarantee acceptance into the professional school.

PRE-ENGINEERING TECHNOLOGY

Advising School: Arts and Sciences

	<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A.	Choose from the following:			(5-15)
	PHYS	151, 152, 153	Introductory General Physics I, II, III	
B.	MATH	151 and 152	Calculus and Analytic Geometry I, II	10
C.	CHEM	111 or 151	General Chemistry or Principles of Chemistry	5
D.	Choose from the following:			(0-10)
	ECON	201	Principles of Economics	
	COMP	201 or 210	Introduction to Computing or Principles of Computer Programming I	
	Total			30

Note: It is recommended that a student majoring in engineering technology and planning on attending Southern Tech complete MATH 111, 112 and a 10 quarter hour sequence in physics in fulfilling requirements for Area II. Southern Tech requires 15 quarter hours of physics of all majors except architectural engineering technology which requires PHYS 151 and 153 only. Georgia Southern College requires 15 quarter hours of physics.

PRE-LAW

Advising School: Arts and Sciences

Law schools do not require a particular major, but all schools accredited by the American Bar Association require that entering students hold a bachelor's degree. Students wishing to prepare for law school should consult with the pre-law advisor in the School of Arts and Sciences to determine the best major to suit their needs.

PRE-MEDICAL TECHNOLOGY

Advising School: Arts and Sciences

This Program is intended to give the student initial college work toward the baccalaureate degree in medical technology offered by Georgia State University, Columbus College, or the Medical College of Georgia. It should not be confused with the two-year Career Program in Medical Laboratory Technology offered by Clayton State College in cooperation with Atlanta Area Technical School. Consult with the Dean of the School of Allied Health at the senior institution in order to obtain optimum choice of courses at Clayton State College.

Course	Number	Title	Quarter Credit Hours
A. Choose no more than four of the following:			
BIOL	111	Principles of Biology	(0-20)
BIOL	113	Principles of Biology	
BIOL	151	Human Anatomy and Physiology	
BIOL	152	Human Anatomy and Physiology	
BIOL	203	Vertebrate Zoology	
B. Choose no more than three of the following:			
COMP	201	Introduction to Computing	(0-15)
MATH	112	Precalculus	
MATH	151	Calculus and Analytic Geometry I	
MATH	231	Introductory Statistics	
PHYS	151	Introductory General Physics I	
C. Choose no more than three of the following:			
CHEM	151	Principles of Chemistry	(0-15)
CHEM	152	Principles of Chemistry	
CHEM	201	Introduction to Chemical Analysis	
CHEM	251	Organic Chemistry	
CHEM	252	Organic Chemistry	
Total			30

Note: It is recommended that a student majoring in Pre-Medical Technology complete MATH 111, CHEM 151 and 152, and MATH 231 in fulfilling requirements for Area II.

PRE-MEDICINE

Advising School: Arts and Sciences

Pre-Medicine partially meets the requirements for medical school. Preparatory programs for professional schools may not adhere to the Core Curriculum although the curricula are similar. These programs may have specific requirements in all four areas of the Core Curriculum.

The Medical College of Georgia requires applicants for admission to have completed a minimum of 135 quarter credit hours of college courses and gives preference to applicants who will have completed their baccalaureate degree prior to entrance. Most entering medical students have baccalaureate degrees with majors in one of the basic sciences.

The courses specified below include the required and elective courses recommended during the first two years of college. An additional 45 quarter hours of college credits must be earned at a senior college or university to complete the required pre-medicine curriculum. Upon completion of the courses prescribed below students should consult an advisor at the Medical College of Georgia or the senior college of their choice to determine the exact courses needed to complete all pre-medicine course requirements.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
Standard Area I Core (see page 50)			20

(continued on next page)

PRE-PHYSICAL THERAPY

Advising School: Arts and Sciences

Physical therapists are dedicated to the rehabilitation of handicapped individuals. Students can transfer from Clayton State College to Georgia State University or the Medical College of Georgia for professional courses in physical therapy.

Course	Number	Title	Quarter Credit Hours	
A.	PSYC 201	General Psychology	5	
B. Choose five of the following:				
BIOL	151	Human Anatomy and Physiology	25	
BIOL	152	Human Anatomy and Physiology		
	151	Principles of Chemistry		
	151	Principles of Chemistry		
	151	Organic Chemistry		
AREA IV — MAJOR				
A.	BIOL 111 and 113	Organic Chemistry	30	
B.	BIOL 203	Organic Chemistry		
C.	CHEM 251 and 252	Organic Chemistry		
D.	PHYS 152	Introductory Statistics		
Total				30

Note: The Pre-Medicine advisor can give additional information. Students are expected to transfer to determine all entrance requirements. The preprofessional program does not guarantee acceptance.

PRE-NURSING

Advising School: Arts and Sciences

This Program is intended to give the student initial college work toward the baccalaureate degree in nursing. It should not be confused with the two-year Registered Nursing Program offered by Clayton State College. Students are advised to consult with the academic advisor for the School of Nursing at the senior institution of their choice in order to obtain optimum choices of courses at Clayton State College. Most baccalaureate programs require nursing courses in the first two years of study; due to this requirement, students may be unable to complete a baccalaureate degree in two additional years after the associate degree is awarded from Clayton State College. Students intending to pursue the Bachelor of Science in Nursing at Clayton State College should not enroll in the Pre-Nursing program, but should instead complete a registered nursing program.

Course	Number	Title	Quarter Credit Hours
A.	BIOL 151 and 152	Human Anatomy and Physiology	10
B.	BIOL 250	Microbiology	5
C. Elective courses in biology, chemistry, natural sciences, philosophy, psychology or sociology. (No more than 10 hours in philosophy, psychology and sociology.)			
Total			15
Total			30

Note: It is recommended that a student majoring in pre-nursing complete CHEM 111 and 112 in fulfilling requirements for Area II.

PRE-OCCUPATIONAL THERAPY

Advising School: Arts and Sciences

Occupational therapy is a profession which is concerned with the physical and emotional well-being of an individual through the use of selected activities. Students can transfer from Clayton State College to the Medical College of Georgia for professional courses in occupational therapy.

Course	Number	Title	Quarter Credit Hours
A.	BIOL 151 and 152	Human Anatomy and Physiology	10
B.	PSYC 201	General Psychology	5
C.	PSYC 258	Psychology of Adjustment	5
D. Choose two of the following:			
SOCI	105	Introduction to Sociology	10
SOCI	201	Contemporary Social Issues	
SOCI	204	Marriage and the Family	
Total			30

Note: It is recommended that a student majoring in pre-occupational therapy who has not had high school chemistry complete CHEM 111 and 112 in fulfilling requirements for Area II. Students who have had high school chemistry should complete CHEM 121 in "C" of Area II plus a sequence in either biology or physics in "B" of Area II in fulfilling requirements for Area II.

PRE-LAW

Advising School: Arts and Sciences

Law schools do not require a particular major, but all schools accredited by the American Bar Association require that entering students hold a bachelor's degree. Students wishing to prepare for law school should consult with the pre-law advisor in the School of Arts and Sciences to determine the best major to suit their needs.

PRE-MEDICAL TECHNOLOGY

Advising School: Arts and Sciences

This Program is intended to give the student initial college work toward the baccalaureate degree in medical technology offered by Georgia State University, Columbus College of Art and Design, and Clayton State College. It should not be confused with the two-year Career Program offered by Clayton State College in cooperation with Atlanta College of Art and Design. The program is administered by the Dean of the School of Allied Health at the senior institution in which the student is enrolled.

Course	Number	Title	Quarter Credit Hours
A. Choose no more than four of the following:			
BIOL	111	Principles of Biology	5
BIOL	113	Principles of Biology	5
BIOL	151	Human Anatomy and Physiology	5
BIOL	152	Human Anatomy and Physiology	5
BIOL	203	Intermediate French	5
B. Choose no more than three of the following:			
COMP	201	Intermediate Spanish	5
MATH	112	Precalculus	5
Total			20

Note: For Mercer University the standard Area I options are required — see page 50.

AREA II — NATURAL SCIENCES AND MATHEMATICS

A. MATH	112	Precalculus	5
B. CHEM	151 and 152	Principles of Chemistry	10
C. PHYS	151	Introductory General Physics I	5
Total			20

AREA III — SOCIAL SCIENCES

A. HIST	251 or 252	American Civilization I or II	5
B. POLI	111	American National Government	5
C. ECON	201	Principles of Economics I	5
D. HIST	112	Western Civilization II	5
Total			20

AREA IV — MAJOR FIELD REQUIREMENTS

A. BIOL	111 and 113	Principles of Biology	10
B. CHEM	201	Introduction to Chemical Analysis	5
C. CHEM	251 and 252	Organic Chemistry	10
D. PHYS	152	Introductory General Physics II	5
Total			30

*HIST 112 is required after completing A, B, and C in Area III.

Note: Mercer University does not require CHEM 201 or PHYS 152. Any college level elective may be substituted for these.

Note: The Pre-Pharmacy advisor can give additional information on other requirements for this professional program. Students are expected to consult with the institution to which they plan to transfer to determine all entrance requirements. Graduation from Clayton State College in a pre-professional program does not guarantee acceptance into the professional school.

PRE-PHYSICAL THERAPY

Advising School: Arts and Sciences

Physical therapists are dedicated to the rehabilitation of handicapped individuals. Students can transfer from Clayton State College to Georgia State University or the Medical College of Georgia for professional courses in physical therapy.

Course	Number	Title	Quarter Credit Hours
A. PSYC	201	General Psychology	5
B. Choose five of the following:			25
BIOL	151	Human Anatomy and Physiology	5
BIOL	152	Human Anatomy and Physiology	5
CHEM	151	Principles of Chemistry	5
CHEM	152	Principles of Chemistry	5
CHEM	251	Organic Chemistry	5
CHEM	252	Organic Chemistry	5
MATH	112	Precalculus	5
MATH	231	Introductory Statistics	5
PHYS	151	Introductory General Physics I	5
PHYS	152 or 153	Introductory General Physics II or III	5
PSYC	258	Psychology of Adjustment	5
Total			30

Note: It is recommended that a student majoring in pre-physical therapy complete MATH 111 in fulfilling requirements for Area II. Students should consult an advisor to determine specific requirements of various programs and schools.

PRE-RADIOLOGIC TECHNOLOGY

Advising School: Arts and Sciences

Radiologic technologists assist physicians in the use of X-radiation and other forms of ionizing radiation to diagnose and treat disease. Students can transfer from Clayton State College to the Medical College of Georgia or Emory University for professional courses in radiologic technology. Students should consult an advisor to determine specific requirements of various programs and schools.

Course	Number	Title	Quarter Credit Hours
A. PHYS	151 and 152	Introductory General Physics I and II	10
B. Choose no more than three of the following:			(0-15)
BIOL	111	Principles of Biology	5
BIOL	112	Principles of Biology	5
BIOL	113	Principles of Biology	5
BIOL	151	Human Anatomy and Physiology	5
BIOL	152	Human Anatomy and Physiology	5
C. Choose no more than three of the following:			(0-15)
CHEM	111	General Chemistry	5
CHEM	112	General Chemistry	5
CHEM	151	Principles of Chemistry	5
CHEM	152	Principles of Chemistry	5
CHEM	251	Organic Chemistry	5
CHEM	252	Organic Chemistry	5
D. Choose no more than two of the following:			(0-10)
MATH	112	Precalculus	5
MATH	151	Calculus and Analytic Geometry I	5
Total			30

Note: It is recommended that a student majoring in pre-radiologic technology complete MATH 111 in fulfilling requirements for Area II. Students should consult an advisor to determine specific requirements of various programs and schools.

PRE-VETERINARY MEDICINE

Advising School: Arts and Sciences

Pre-Veterinary Medicine is a preparatory program for admission to the College of Veterinary Medicine of the University of Georgia. Preparatory programs for professional schools may not adhere to the Core Curriculum although the curricula are similar. These programs may have specific requirements in all four areas of the Core Curriculum.

The College of Veterinary Medicine of the University of Georgia requires applicants for admission to have completed a minimum of 105 quarter credit hours of college courses. However, most successful applicants have completed baccalaureate degrees.

The courses specified below include college courses required of applicants by the College of Veterinary Medicine of the University of Georgia.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
Standard Area I Core (see page 50)			20
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. BIOL	111	Principles of Biology	5
B. CHEM	151 and 152	Principles of Chemistry	10
C. Choose one of the following:			5
MATH	111	College Algebra	
MATH	112	Precalculus	
MATH	151	Calculus and Analytic Geometry I	
MATH	152	Calculus and Analytic Geometry II	
			20
AREA III — SOCIAL SCIENCES			
Standard Area III Core (see page 51)			20
AREA IV — MAJOR FIELD REQUIREMENTS			
A. BIOL	113	Principles of Biology	5
B. BIOL	203	Vertebrate Zoology	5
C. CHEM	251 and 252	Organic Chemistry	10
D. PHYS	151 and 152	Introductory General Physics I and II	10
			30
Clayton State College Total			90

Note: The Pre-Veterinary Medicine advisor can give additional information on other requirements for this professional program. Students are expected to consult with the institution to which they plan to transfer to determine all entrance requirements. Graduation from Clayton State College in a pre-professional program does not guarantee acceptance into the professional school.

Note: Additional course requirements which are not offered by Clayton State College include Microbiology (pre-vet., med., dent., level with laboratory), biochemistry (laboratory is not required), and animal nutrition (laboratory is not required).

PSYCHOLOGY

Advising School: Arts and Sciences

Course	Number	Title	Quarter Credit Hours
A. PSYC	201	General Psychology	5
B. Choose five of the following:			25
BIOL	111	Principles of Biology	
BIOL	112	Principles of Biology	
BIOL	151	Human Anatomy and Physiology	
BIOL	152	Human Anatomy and Physiology	
BIOL	203	Vertebrate Zoology	
COMP	201	Introduction to Computing	
ECON	201	Principles of Economics I	
MATH	111	College Algebra	
MATH	121	Decision Mathematics I	
MATH	122	Decision Mathematics II	
MATH	231	Introductory Statistics	
PHIL	211	Introduction to Philosophy	
PHIL	221	Introduction to Logic	
PSYC	204	Child Growth and Development	
PSYC	258	Psychology of Adjustment	
SOCI	105	Introduction to Sociology	
SOCI	201	Contemporary Social Issues	
SOCI	204	Marriage and the Family	
Total			30

RECREATION

Advising School: Arts and Sciences

This Program is intended to give students initial college work toward the baccalaureate degree program in recreation offered by senior institutions of the University System of Georgia. Students are advised to consult with the academic advisor for recreation at the senior institution to which they intend to transfer in order to obtain an optimum choice of courses at Clayton State College.

Course	Number	Title	Quarter Credit Hours
A. PSYC	204	Child Growth and Development	5
B. REC	201	Introduction to Recreation Services	5
C. Elective courses in art, drama, or music			10
D. Other elective courses appropriate to major			10
Total			30

SECRETARIAL STUDIES/OFFICE ADMINISTRATION

Advising School: Business

Course	Number	Title	Quarter Credit Hours
A. ACCT	201 and 202	Principles of Accounting I and II	10
B. ECON	201	Principles of Economics I	5
C. Choose from the following sequences:			6
¹ OADT	111 and 112	Keyboarding/Typewriting I and II	
or			
¹ OADT	112 and 113	Keyboarding/Typewriting II and III	
D. Choose from the following sequences:			10
¹ OADT	151 and 152	Shorthand I and II	
or			
¹ OADT	152 and 153	Shorthand II and III	
Total			31

¹Competency examinations are available to establish credit by examination in one or more of these courses.

Note: A student who has taken the CPS examination may receive course credit for any parts passed.

SOCIOLOGY/ANTHROPOLOGY

Advising School: Arts and Sciences

	<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A.	Choose from the following:			
	SOCI	105	Introduction to Sociology	(5-15)
	SOCI	201	Contemporary Social Issues	
	SOCI	204	Marriage and the Family	
B.	Choose from the following:			
	COMP	201	Introduction to Computing	(5-15)
	A foreign language			
	MATH	111	College Algebra	(10)
	MATH	121	Decision Mathematics I	
	MATH	122	Decision Mathematics II	
	MATH	231	Introductory Statistics	
	PHIL	221	Introduction to Logic	
C.	Choose from the following:			
	ECON	201	Principles of Economics I	(5-15)
	POLI	200	State and Local Government	
	POLI	211	Introduction to Comparative Politics	
	PSYC	201	General Psychology	
	PSYC	258	Psychology of Adjustment	
	Total			

SPANISH

Advising School: Arts and Sciences

	<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A.	SPAN	111 and 112	Elementary Spanish I and II	(0-10)
B.	SPAN	211 and 212	Intermediate Spanish	
C.	Making sure that no more than a total of 10 hours is being elected in any one subject, choose from the following:			
	ART	211	Art Appreciation	(10-20)
	ART	213	Ancient, Medieval, and Renaissance Art	
	DRMA	211	Appreciation of the Dramatic Arts	
	ECON	110	Consumer Economics	
	ECON	201	Principles of Economics I	
	ECON	202	Principles of Economics II	
	FREN	111	Elementary French I	
	FREN	112	Elementary French II	
	FREN	211	Intermediate French	
	FREN	212	Intermediate French	
	HIST	111	Western Civilization I	
	HIST	251	American Civilization I	
	HIST	252	American Civilization II	
	MUSI	211	Music Appreciation	
	PHIL	211	Introduction to Philosophy	
	POLI	200	State and Local Government	
	POLI	211	Introduction to Comparative Politics	
	PSYC	201	General Psychology	
	PSYC	204	Child Growth and Development	
	SOCI	105	Introduction to Sociology	
	SOCI	201	Contemporary Social Issues	
	SOCI	204	Marriage and the Family	
	SPCH	121	Communications	
	Total			30

Note: It is recommended that a student majoring in Spanish who needs SPAN 111 and/or 112 apply credits in these courses to Area I requirements.

SPEECH/DRAMA

Advising School: Arts and Sciences

	<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
SPEECH OPTION				
A.	SPCH	121	Communications	5
B.	A foreign language			
C.	Choose three of the following:			
	ART	211	Art Appreciation	10
	ART	213	Ancient, Medieval, and Renaissance Art	
	DRMA	211	Appreciation of the Dramatic Arts	
	ECON	110	Consumer Economics	
	ECON	201	Principles of Economics I	
	ECON	202	Principles of Economics II	
	ENGL	201	Survey of World Literature I	
	ENGL	202	Survey of World Literature II	
	ENGL	211	Survey of English Literature I	
	ENGL	212	Survey of English Literature II	
	ENGL	221	Survey of American Literature I	
	ENGL	222	Survey of American Literature II	
	HIST	111	Western Civilization I	
	HIST	251	American Civilization I	
	HIST	252	American Civilization II	
	MUSI	211	Music Appreciation	
	PHIL	211	Introduction to Philosophy	
	PHIL	221	Introduction to Logic	
	POLI	200	State and Local Government	
	POLI	211	Introduction to Comparative Politics	
	PSYC	201	General Psychology	
	PSYC	204	Child Growth and Development	
	SOCI	105	Introduction to Sociology	
	SOCI	201	Contemporary Social Issues	
	SOCI	204	Marriage and the Family	
	Total			30
DRAMA OPTION				
A.	SPCH	121	Communications	5
B.	A foreign language			
C.	DRMA	188	Introduction to Acting	3
D.	DRMA	191	Drama Workshop	(3-7)
	and/or			
	MUSI	191L	Music Theater	(0-4)
E.	JOUR	101	Mass Communications Practicum	
F.	Choose from the following:			
	ART	211	Art Appreciation	(5-10)
	ART	213	Ancient, Medieval, and Renaissance Art	
	DRMA	211	Appreciation of the Dramatic Arts	
	ECON	110	Consumer Economics	
	ECON	201	Principles of Economics I	
	ECON	202	Principles of Economics II	
	ENGL	201	Survey of World Literature I	
	ENGL	202	Survey of World Literature II	
	ENGL	211	Survey of English Literature I	
	ENGL	212	Survey of English Literature II	
	ENGL	221	Survey of American Literature I	
	ENGL	222	Survey of American Literature II	
	HIST	111	Western Civilization I	
	HIST	251	American Civilization I	
	HIST	252	American Civilization II	
	MUSI	211	Music Appreciation	
	PHIL	211	Introduction to Philosophy	
	PHIL	221	Introduction to Logic	
	POLI	200	State and Local Government	
	POLI	211	Introduction to Comparative Politics	
	PSYC	201	General Psychology	
	PSYC	204	Child Growth and Development	
	SOCI	105	Introduction to Sociology	
	SOCI	201	Contemporary Social Issues	
	SOCI	204	Marriage and the Family	
	Total			30 or 31

(continued on next page)

SPEECH/DRAMA (continued from previous page)

MUSIC THEATER OPTION

A.	SPCH	121	Communications	5
B.	A foreign language			10
C.	DRMA	188	Introduction to Acting	3
D.	MUSI	191L	Music Theater	
	and/or			3
	DRMA	191	Drama Workshop	
E.	MUSI	111	Music Theory	3
	MUSI	112	Music Theory	3
F.	MUSI	152	Applied Voice	3
	Total			<hr/> 30

TEACHER EDUCATION

Advising School: Arts and Sciences

	Course	Number	Title	Quarter Credit Hours
A.	EDUC	201	Introduction to Education	5
B.	PSYC	201	General Psychology	5
C.	SPCH	121	Communications	5
D.	Choose one of the following:			5
	ART	211	Art Appreciation	5
	DRMA	211	Appreciation of the Dramatic Arts	
	MUSI	211	Music Appreciation	
E.	¹ Elective courses appropriate to major			10
	Total			<hr/> 30

¹Elementary and early childhood majors should elect PSYC 204 as one of these choices.

URBAN LIFE

Advising School: Arts and Sciences

	Course	Number	Title	Quarter Credit Hours
A.	Choose one of the following:			5
	ECON	110	Consumer Economics	
	ECON	201	Principles of Economics I	
B.	PSYC	201	General Psychology	5
C.	Choose one of the following:			5
	SOCI	105	Introduction to Sociology	
	SOCI	201	Contemporary Social Issues	
D.	Choose three from one of the following groups			(15)
	Group 1			
	ECON	201	Principles of Economics I	
	ECON	202	Principles of Economics II	
	POLI	200	State and Local Government	
	POLI	211	Introduction to Comparative Politics	
	PSYC	258	Psychology of Adjustment	
	SOCI	201	Contemporary Social Issues	
	Group 2			(15)
	ART	211	Art Appreciation	
	ART	213	Ancient, Medieval, and Renaissance Art	
	MUSI	211	Music Appreciation	
	PHIL	211	Introduction to Philosophy	
	PHIL	221	Introduction to Logic	
	Total			<hr/> 30

CAREER AND VOCATIONAL-TECHNICAL EDUCATION PROGRAMS

One-Year and Two-Year Programs

Clayton State College offers two-year Career and Vocational-Technical Programs and one-year certificate programs which combine regular college courses with specific professional or paraprofessional training. Career and Vocational-Technical Programs are designed to prepare students for immediate employment upon graduation.

Refer to information on this and the next page for degree requirements at Clayton State College, and to pages 78-114 for specific Career and Vocational-Technical Education Programs.

FULFILLING DEGREE REQUIREMENTS FOR CAREER AND VOCATIONAL-TECHNICAL PROGRAMS

For graduation with the Associate in Arts Degree, the Associate in Applied Science, the Associate in Science in Aviation Administration Degree, or a Certificate, the following requirements must be completed by each student enrolled in a Career or Vocational-Technical Program in accordance with the academic regulations stated in this catalog.

1. Complete General Education requirements for the program, including assessments.
2. Complete the prescribed career curriculum with a minimum 2.0 Grade Point Average for all courses in the curriculum and with a minimum 2.0 average for all courses in the major.

Note I: History and Constitution Requirements. The State of Georgia requires that any person receiving a degree from a state-supported college must demonstrate a knowledge of the history and Constitution of the United States and Georgia.

To meet both requirements, students are required to complete either History 251, American Civilization I; or History 252, American Civilization II; and Political Science 111, American National Government. In certain programs, Citizenship 101 will meet these requirements. Check the curriculum in the specific program.

Transfer students from non-University System institutions with previous credit for American History and American Government must complete competency examinations on Georgia history and the Georgia Constitution. For information on these examinations, contact the School of Arts and Sciences or the Office of the Registrar.

3. In most Career and Vocational-Technical Programs, a minimum of 30 of the last 35 quarter credit hours of degree requirements must be completed at Clayton State College. Exceptions to this are programs in Aviation Administration and Medical Laboratory Technology. In these programs, a minimum of 20 quarter credit hours of requirements must be completed at Clayton State College.

Note II: Dental Hygiene and Nursing Students. Most dental hygiene or nursing students complete all professional courses within the major at Clayton State College. Courses completed at other institutions will be evaluated on a course-by-course basis.

4. Successfully complete the Regents' Testing Program of the University System of Georgia.

Note III: Regents' Testing Program. The University System of Georgia requires that each student receiving a degree from a state-supported college must have successfully completed all parts of a competency examination in reading and English composition. *A student may take the Regents' Test after completion of the required core English course(s). A student is required to take the test during the next quarter of enrollment after completing 45 degree quarter hours, including transfer hours. The student who fails to meet this requirement will be subject to Regents' Test probation. The student who fails to participate in the Regents' Testing Program during the second academic quarter of enrollment following the completion of 45 quarter credit hours will be subject to suspension from the College. (See the complete Regents' Testing Program Policy on pages 38-39.)*

The Regents' Testing Program of the University System of Georgia is administered at Clayton State College once during each quarter through the Office of Counseling and Testing. The dates on which the Regents' Testing Program will be administered are published in the Academic Calendar on pages 10 and 11.

The College provides a program of remedial instruction for the student who does not successfully complete either part of the Regents' Testing Program. *Any student who unsuccessfully attempts both parts of the Regents' Testing Program and has fewer than 75 degree credit hours may choose to remediate in only one area and retake only that portion of the Test during the next quarter of enrollment. A faculty member will assist students in determining the more appropriate selection. Students who choose to remediate and retest in only one area will be informed of their requirement for remediating in and completing the remaining portion of the Test.*

Students with 75 or more degree credit hours who have taken the Test and not passed either part are required to take remedial courses in both reading and writing each quarter.

A student transferring 45 or more quarter hours from another institution who has not successfully completed the Regents' Testing Program will be required to take the examination during the first quarter of attendance at Clayton State College.

ACCOUNTING
Two-Year Program
(Associate In Arts Degree)

Advising School: Business

The Accounting Career Program at Clayton State College is designed for students interested in an introduction to the accounting and problem-solving aspects of business. With emphasis on both theory and practical skills, the Program prepares students for employment in business at entry level positions.

If a student decides to continue studying at a senior institution of the University System of Georgia, all course credits completed within the Program which also meet the requirements of the Core Curriculum of the University System may be transferred toward a baccalaureate degree. Students are advised, however, that the total Accounting Program as such does not fulfill the Core Curriculum requirements of the University System of Georgia. Students who definitely plan to pursue a baccalaureate degree in business, or in a particular functional area of business, should enroll in the College Transfer Program with a major in Business Administration, described earlier in this catalog.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ENGL	111 and 112	Communication: The Uses of Language I and II	10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. MATH	121	Decision Mathematics I	5
B. COMP	201, 210, or 211	Introduction to Computing, Principles of Computer Programming I, or File Processing	5
AREA III — SOCIAL SCIENCES			
A. HIST	251 or 252	American Civilization I or II	5
B. POLI	111	American National Government	5
AREA IV — MAJOR FIELD REQUIREMENTS			
A. ACCT	201 and 202	Principles of Accounting I and II	10
B. ECON	201 and 202	Principles of Economics I and II	10
C. ¹ BMGT	293	Income Tax Accounting	5
¹ BMGT	294	Cost Control and Internal Reporting	5
¹ BMGT	295	Auditing and Specialized Reporting	5
D.	Choose 10 hours from the following courses:		
¹ BMGT	251	Principles of Management and Supervision	5
¹ BMGT	261	Introduction to Finance	5
¹ BMGT	271	Fundamentals of Money and Banking	5
¹ BMGT	281	Principles of Marketing	5
ECON	110	Consumer Economics	5
E.	Choose a minimum of 15 hours from the following:		
¹ BMGT	courses not used to satisfy Area IV, D		5-10
¹ OADT	111	Keyboarding/Typewriting I	3
¹ OADT	202	Business Machines	5
OADT	205	Business Communications	5
BSAD	270	Legal Environment of Business	5
COMP	201	Introduction to Computing	5
COMP	210	Principles of Computer Programming I	5
COMP	211	File Processing	5
ECON	110	Consumer Economics	5
MATH	122	Decision Mathematics II	5
			60-63
Total			90-93

¹These courses do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV of the College Transfer Program in Business Administration.

NOTE: A student may earn credit by examination for OADT 111 and OADT 202.

AVIATION ADMINISTRATION
Two-Year Program
(Associate In Science In Aviation Administration Degree)

Advising School: Business

The Associate in Science in Aviation Administration Degree is awarded upon completion of this Program. In cooperation with Georgia State University, Clayton State College offers this career program designed to provide college-level training in general education and professional aviation management.

Aviation employment is available not only in the airline industry, but also in the areas of business and corporate flying, personal flying, flight instruction, and numerous military and government positions. Graduates may work in various capacities for commercial airlines, aircraft manufacturers, private corporations, fixed base operations, government agencies, and research and development firms.

The course of study has been designed by a joint industry-university committee. In addition to classes in general education, the Program offers professional courses giving training in the multiple phases of the aviation management business. An officially enrolled Aviation Administration student need not wait until completing the forty-five hours of general studies before enrolling in any of the major field professional courses, unless there is a prerequisite that needs to be satisfied in a particular student's case. (See Course Descriptions Section of this catalog.)

Present aviation employees and students wishing to transfer into the Program are encouraged to consult the Registrar's Office on credit transferability of any prior college work. Before a person may be admitted as a major in the Aviation Administration Program, he or she must meet the criteria established by Clayton State College and Georgia State University. For details on these criteria and the procedural aspects of the Program, contact the School of Business at Clayton State College.

The major field professional courses are offered by Georgia State University, but some of these courses may be conducted on the Clayton campus.

A student seeking a degree from Clayton State College must complete a minimum of 20 quarter hours in this degree at Clayton.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ENGL	111 and 112	Communication: The Uses of Language I and II	10
B.	Choose one of the following:		
ENGL	201	Survey of World Literature I	
ENGL	202	Survey of World Literature II	
ENGL	211	Survey of English Literature I	
ENGL	212	Survey of English Literature II	
C. SPCH	121	Communications	5
			20

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AVIATION ADMINISTRATION (continued from previous page)

Course	Number	Title	Quarter Credit Hours	
AREA II — NATURAL SCIENCES AND MATHEMATICS				
A.	MATH	111 or 231	College Algebra or Introductory Statistics	5
B.	Choose one of the following sequences:		10	
	BIOL	111 and 112	Principles of Biology	
	BIOL	111 and 113	Principles of Biology	
	CHEM	111 and 112	General Chemistry	
	CHEM	151 and 152	Principles of Chemistry	
	PHYS	151 and 152	Introductory General Physics I and II	
	PHYS	151 and 153	Introductory General Physics I and II	
	PHYS	251 and 252	General Physics I and II	
C.	ELECTIVE		5	
	Making sure that no more than a total of 10 hours is elected in any one subject, choose one of the following:			
	1) One additional course from the science courses listed above			
	2) Any additional mathematics course number 100 or higher, except MATH 107 and MATH 122			
	3) CHEM	121	Survey of Chemistry	
	4) COMP	201	Introduction to Computing	
	5) COMP	210	Principles of Computer Programming I	
	6) IDST	101	Selected Topics	
	7) SCI	105	Environmental Science	
	8) SCI	110	Science Appreciation	
				20
AREA III — SOCIAL SCIENCES				
A.	HIST	251 or 252	American Civilization I or II	5
B.	POLI	111	American National Government	5
C.	PSYC	201	General Psychology	5
	or			
	SOCI	105	Introduction to Sociology	5
D.	After completion of A, B and C, students should enroll in:			
	HIST	112	Western Civilization II	5
				20
AREA IV — MAJOR FIELD REQUIREMENTS				
A.	¹ AVI	201	History of Aviation	5
B.	¹ AVI	202	Aviation Laws and Regulations	5
C.	¹ AVI	211	Elementary Aeronics	5
D.	¹ AVI	220	Airline Management	5
	or			
	AVI	240	Airport Management and Operations	5
E.	Choose 20 hours from the following in consultation with advisor:		20	
	¹ AVI	203	Aviation Safety	
	² AVI	204	Aviation Economics	
	¹ AVI	210	Aviation Meteorology	
	¹ AVI	212	Principles of Instrument Flight	
	¹ AVI	221	Passenger Operations	
	¹ AVI	222	Airline Marketing and Public Relations	
	¹ AVI	230	Introduction to Air Traffic Control	
	¹ AVI	241	Aviation Insurance	
	³ AVI	280	Selected Topics	
	¹ AVI	296	Selected Projects	
	¹ AVI	299	Readings in Aviation Administration	
				40
				100
	Total			

AVIATION MAINTENANCE TECHNOLOGY
Two-Year Program
(Associate In Applied Science Degree)

Advising School: Technology

The Aviation Maintenance Technology Program is designed to prepare students for a career in aerospace vehicle maintenance. A graduate of the Program may make application to take the Federal Aviation Administration's written, oral and practical test battery for certification as an aircraft mechanic. Successful completion of all the required tests will result in the issuance of an FAA Mechanic Certificate with the airframe and/or powerplant rating as appropriate.

The Aviation Maintenance Program consists of seven quarters, and begins after completion of all general education core curriculum requirements of Areas I, II and III. A candidate for acceptance into the Program should have a strong math/science background, specifically in algebra; academic ability as measured by the Scholastic Aptitude Test (SAT), if required; and mechanical aptitude.

The Aviation Maintenance Program has a limited enrollment and students will be selected on the basis of Scholastic Aptitude Test (SAT) scores, college course grades, high school course grades, relevant work experience, and other qualifications relating to academic and professional potential. Interviews may be required.

There is no provision for absence in any of the courses in Major Field Requirements. Eligibility for F.A.A. testing is contingent upon completion of the entire 2050 hours of scheduled instruction and absence for any reason requires the work missed be made up. Make-up work is scheduled at the convenience of the instructor and should be coordinated in advance when an absence is anticipated.

A student who is convicted of violating any Federal or State statute relating to the growing, processing, manufacture, sale, disposition, possession, transportation or importation of narcotic drugs, marijuana, and depressant or stimulant drugs or controlled substances, is NOT eligible for any certificate or rating issued under Federal Aviation Regulation Part 65 for a period of one (1) year after the date of commission of the act or final conviction, whichever is later. (Federal Aviation Regulation Part 65, Para. 65.12.) The commission of any act cited above is also grounds for revoking any certificate held under any F.A.R.

Students with previous enrollment in an F.A.A. approved Aviation Maintenance Technician School which also held regional accreditation status may be granted advanced standing credit for courses completed at that school only if a transcript is provided at the time of enrollment and only if that credit was earned during the most recent academic year of the admitting institution. All other applications for transfer or advance-standing credit may require a competency test, including practical skill demonstration, and may require a fee.

(continued on next page)

¹Aviation courses do not fulfill the requirements of the Core Curriculum of the University System of Georgia.

²See Footnote 1; and ACCT 201 and ECON 201, or consent of the instructor, are prerequisites to AVI 204.

³See Footnote 1; and a maximum of 10 hours in AVI 280 shall be applicable toward the degree, with a maximum of 5 hours in any given quarter.

AVIATION MAINTENANCE TECHNOLOGY (continued from previous page)

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
ENGL	111	Communication: The Uses of Language I	5
			5
AREA II — NATURAL SCIENCE AND MATHEMATICS			
¹ MATH	107	Applied Trigonometry	5
			5
AREA III — SOCIAL SCIENCES			
A.	POLI 111	American National Government	5
	HIST 252	American Civilization	5
B.	Choose one of the following:		5
	¹ PSYC 210	Industrial Psychology	
	SOCI 105	Introduction to Sociology	
			15
AREA IV — MAJOR FIELD REQUIREMENTS			
¹ AVMT	101	Maintenance Regulations	3
¹ AVMT	102	Aircraft Basic Science	4
¹ AVMT	103	Aircraft Applied Science	10
¹ AVMT	104	Basic Electricity and Drawing	10
¹ AVMT	105	Air Transportation Maintenance	5
¹ AVMT	201	Sheet Metal	10
¹ AVMT	202	Airframe Structures	10
¹ AVMT	203	Utility Systems	10
¹ AVMT	204	Fluid Power/Landing Gear Systems	10
¹ AVMT	205	Electrical and Navigation Systems	10
¹ AVMT	210	Air Carrier Maintenance Operations	5
¹ AVMT	211	Turbine Engines	10
¹ AVMT	212	Reciprocating Engines	10
¹ AVMT	213	Powerplant Accessories	10
¹ AVMT	214	Powerplant Electrical Systems	10
¹ AVMT	215	Engine Fuel and Fuel Metering Systems	10
			137
			162

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

Note: The following courses are NOT F.A.A. approved courses and are not required for certification of F.A.A. mechanic testing eligibility: ENGL 111, MATH 107, POLI 111, HIST 252, CITZ 101, PSYC 210, SOCI 105, AVMT 105, AVMT 210.

Note: Students must complete Regents' Testing program requirement. (See pages 38-39 in this catalog.)

BANKING AND FINANCE
Two-Year Program
(Associate In Arts Degree)

Advising School: Business

The Banking and Finance Program at Clayton State College is designed for students interested in an introduction to the financial, economic and human aspects of business.

In addition to providing preparation for individuals seeking entry-level positions in the banking industry, this Program offers present bank employees an opportunity for educational enrichment. Individuals working for, or preparing to work for, other financial institutions (such as savings and loan associations and finance companies) may want to consider this curriculum.

If a student decides to continue study at a senior institution of the University System of Georgia, all course credits completed within the Program which also meet the requirements of the Core Curriculum of the University System may be transferred toward a baccalaureate degree. The student is advised, however, that the total Banking and Finance Program as such does not fulfill the Core Curriculum requirements of the University System of Georgia. Students who definitely plan to pursue a baccalaureate degree in business, or in a particular functional area of business, should enroll in the College Transfer Program with a major in Business Administration described earlier in this catalog.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A.	ENGL 111 and 112	Communication: The Uses of Language I and II	10
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A.	MATH 121	Decision Mathematics I	5
B.	COMP 201, 210, or 211	Introduction to Computing, Principles of Computer Programming I, or File Processing	5
			10
AREA III — SOCIAL SCIENCES			
A.	HIST 251 or 252	American Civilization I or II	5
B.	POLI 111	American National Government	5
			10
AREA IV — MAJOR FIELD REQUIREMENTS			
A.	ACCT 201 and 202	Principles of Accounting I and II	10
B.	ECON 201 and 202	Principles of Economics I and II	10
C.	¹ BMGT 251	Principles of Management and Supervision	5
	¹ BMGT 261	Introduction to Finance	5
	¹ BMGT 295	Auditing and Specialized Reporting	5
D.	Choose 10 hours from the following:		
	¹ BMGT 271	Fundamentals of Money and Banking	5
	¹ BMGT 281	Principles of Marketing	5
	¹ BMGT 293	Income Tax Accounting	5
	¹ BMGT 294	Cost Control and Internal Reporting	5
	ECON 110	Consumer Economics	5

(continued on next page)

¹These courses do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV of the College Transfer Program in Business Administration.

BANKING AND FINANCE (continued from previous page)

Course	Number	Title	Quarter Credit Hours
E. Choose a minimum of 15 hours from the following:			
¹ BMGT courses not used to satisfy Area IV, D			
¹ OADT	111	Keyboarding/Typewriting I	3
¹ OADT	202	Business Machines	5
OADT	205	Business Communications	5
BSAD	270	Legal Environment of Business	5
COMP	201	Introduction to Computing	5
COMP	210	Principles of Computer Programming I	5
COMP	211	File Processing	5
ECON	110	Consumer Economics	5
MATH	122	Decision Mathematics II	5
Total			60-63
			90-93

¹These courses do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV of the College Transfer Program in Business Administration.

Note: A student may earn credit by examination for OADT 111 and OADT 202.

Note: Total hours 90 or 93 depending on course selection by student.

BUSINESS One-Year Program (Certificate)

Advising School: Business

The Business Certificate represents a group of job-related college courses suitable for a student who is not interested in a degree program. This certificate may be of interest to someone already working in industry who needs more business background or, perhaps, who is interested in starting a new business. A student pursuing this certificate should be proficient in basic college-level mathematics and English.

Course	Number	Title	Quarter Credit Hours
Required Courses:			
A.	ACCT 201 and 202	Principles of Accounting I and II	10
B.	ECON 201 and 202	Principles of Economics I and II	10
Total			20
Elective Courses:			
C. Choose a minimum of 25 hours from the following:			
¹ BMGT	251	Principles of Management and Supervision	5
¹ BMGT	261	Introduction to Finance	5
¹ BMGT	271	Fundamentals of Money and Banking	5
¹ BMGT	281	Principles of Marketing	5
¹ BMGT	293	Income Tax Accounting	5
¹ BMGT	294	Cost Control and Internal Reporting	5
¹ BMGT	295	Auditing and Specialized Reporting	5
OADT	205	Business Communications	5
BSAD	270	Legal Environment of Business	5
ECON	110	Consumer Economics	5
COMP	201, 210, or 211	Introduction to Computing, Principles of Computer Programming I, or File Processing	5
Total			25
			45

¹These courses do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV of the College Transfer Program in Business Administration.

Note: A student should see a Business advisor before pursuing the Business Certificate Program.

DATA PROCESSING

Advising School: Business

The Data Processing Program provides instruction in the functions and concepts of automated information processing equipment. Most majors in Data Processing will be prepared to become computer programmers and/or systems analysts. The graduate can expect to find career opportunities in business, industry, science, education, government and other organizations utilizing computers.

Two programs of study have been developed to meet the individual needs of the student. The first program of study (58 quarter hours) leads to a Certificate. The second program (90-93 quarter hours) leads to an Associate in Applied Science Degree.

One-Year Program (Certificate)

Course	Number	Title	Quarter Credit Hours
A.	¹ ENGL 103	Technical Writing	5
	ENGL 111	Communication: The Uses of Language I	5
Total			10
B. Choose 1 or 2:			
1.	MATH 111	College Algebra	5
	MATH 112 or 231	Precalculus or Introductory Statistics	5
2.	MATH 121	Decision Mathematics I	5
	MATH 122	Decision Mathematics II	5
Total			10
C. Major area requirements			
	ACCT 201	Principles of Accounting I	5
¹ ATDP	101	Introduction to Data Processing with BASIC	5
¹ ATDP	102	BASIC with Applications	3
¹ ATDP	203	RPG Programming	3
¹ ATDP	204	COBOL Programming I	5
¹ ATDP	207	COBOL Programming II	5
¹ ATDP	210	Data Structures	5
Total			31
D. Select 7 hours from the following:			
	ACCT 202	Principles of Accounting II	5
¹ ATDP	208	Systems Software	5
¹ ATDP	209	FORTRAN Programming	5
¹ ATDP	233	Selected Topics and Problems	5
² ATCP	100	Career Planning	2
Total			7
Total			58

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Required (see also Footnote 1).

DATA PROCESSING (continued from previous page)

**Two-Year Program
(Associate In Applied Science Degree)**

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ¹ ENGL	103	Technical Writing	5
ENGL	111	Communication: The Uses of Language I	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS (Select A or B)			
A. MATH	111	College Algebra	5
MATH	112 or 231	Precalculus or Introductory Statistics	5
B. MATH	121	Decision Mathematics I	5
MATH	122	Decision Mathematics II	5
			10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
B. CITZ	101	Citizenship	2
SOCIAL SCIENCE ELECTIVE (excluding POLI 111)			5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. ACCT	201	Principles of Accounting I	5
¹ ATDP	101	Introduction to Data Processing with BASIC	5
¹ ATDP	102	BASIC with Applications	3
¹ ATDP	203	RPG Programming	3
¹ ATDP	204	COBOL Programming I	5
¹ ATDP	206	Systems Analysis and Design	5
¹ ATDP	207	COBOL Programming II	5
¹ ATDP	208	Systems Software	5
¹ ATDP	210	Data Structures	5
			41
B.	Select 22 hours from the following:		
ACCT	202	Principles of Accounting II	5
¹ ATDP	209	FORTTRAN Programming	5
¹ ATDP	222	Occupational Internship	5
¹ ATDP	233	Selected Topics and Problems	5
OADT	205	Business Communications	5
¹ BMGT	251	Principles of Management & Supervision	5
BSAD	270	Legal Environment of Business	5
³ ATCP	100	Career Planning	2
			22
			90-93

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

³Required (see also Footnote 1).

**DENTAL HYGIENE
Two-Year Program
(Associate In Arts Degree)**

Advising School: Health Sciences

The profession of dental hygiene is an ideal career for one interested in science and health services. A dental hygienist works under the general supervision of a dentist and performs a number of dental functions.

Activities usually include performing oral prophylaxis (cleaning of the teeth); instructing patients in dental health; taking, developing, and mounting dental x-rays; applying fluorides; and assisting the dentist in chairside and laboratory duties.

A dental hygienist should have good health, neat appearance, high moral character, a desire to be of service to others, and the ability to get along with people.

The Dental Hygiene Program at Clayton State College consists of seven quarters of full-time study (two academic years and the intervening summer quarter) and leads to an Associate in Arts Degree. Students are accepted into the Dental Hygiene Program beginning with the Fall Quarter. A minimum grade point average of 2.0(C), a grade of "C" or higher in the two dental hygiene courses given in the Fall Quarter, and completion of prerequisites for courses prescribed for the Winter Quarter are required to continue in the Program.

Although the Dental Hygiene courses are sequential in nature, beginning with "Dental Hygiene 101," a student may begin the general education courses required in the Program during any quarter.

Dental Hygiene students are responsible for providing their own transportation between the campus and community agencies when assigned for field experience. Students are expected to wear the official student uniform of the Dental Hygiene Program.

A student considering application for admission to the Dental Hygiene Program is advised that a graduate of the Program must be 18 years of age or older in order to be licensed by the State of Georgia as a practicing dental hygienist. Successful completion of the Program does not insure passing state, regional, and national board examinations.

The Dental Hygiene Program has a limited enrollment and students will be selected on the basis of Scholastic Aptitude Test (SAT) scores, college course grades, high school course grades, relevant work experience, and other qualifications relating to academic and professional potential. Interviews may be required.

Students who do not meet the requirements for admission into college-level studies and enroll in the Developmental Studies Program of the College may apply for admission into the Dental Hygiene Program after completing 20 quarter credit hours of college-level courses with a grade point average of 2.0 or higher. (Suggested courses include English 111, Chemistry 112 or 121, Psychology 201, Speech 121, Sociology 105 and History 251 or 252. (Note: CHEM 111 is a prerequisite to CHEM 112.)

(continued on next page)

DENTAL HYGIENE (continued from previous page)

An applicant to the Program must:

1. Meet the requirements for admission to Clayton State College and be in good standing. Students should indicate on the application form that the desired major is Dental Hygiene. High school seniors may be accepted on a "conditional" basis prior to graduation.
2. Have completed one year of high school algebra, one year of high school chemistry and one year of high school biology with a minimum grade average of "C" in each of these courses; or have completed appropriate college courses in these subjects with a grade of "C" or higher in each. (Appropriate courses at Clayton State College are Mathematics 098, Chemistry 111 and Biology 111.) It is suggested that students also take Chemistry 112 or 121 prior to entering the Dental Hygiene Program in the Fall. (Note: CHEM 111 is a prerequisite to CHEM 112.)
NOTE: It is recommended that students who plan to complete these requirements at another institution contact the Director of Admissions at Clayton State College.
3. Complete the Personal Data Form required by the Dental Hygiene Program.
4. Be free of all health problems which would interfere with an applicant's ability to practice dental hygiene and complete any required medical forms. Hepatitis B infection is a serious problem for health care professionals and immunization, by your private physician, is highly encouraged before entry into the Program.
5. Meet any requirements subsequently imposed by accrediting agencies prior to enrollment in dental hygiene courses.

Students admitted to the Dental Hygiene Program who do not maintain a cumulative grade point average of 2.0 or better are subject to suspension from the Program.

Due to the sequential nature of the Dental Hygiene Program a grade of "F" obtained in any Dental Hygiene course will cause the student to be suspended from the Program. Suspended students who reapply to the Program must achieve a grade point average of 2.0 or better before being considered for readmission. In addition, a condition of readmission may be the auditing of specified previously-taken courses if this is felt to be in the student's best interest.

In order to graduate all students must have a "C" (2.0) overall average and a 2.0 average in their major.

A student must have been CPR certified within no more than three years prior to graduation. This training is available in Physical Education 102 (First Aid). Evidence of CPR certification must be presented to the admissions office for inclusion in the student's record. American Heart Association, Red Cross or college course transfer CPR certification is acceptable.

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DENTAL HYGIENE (continued from previous page)

FRESHMAN

Fall Quarter

Dental Hygiene 101	5
Embryology, Oral Histology, and Dental Morphology	
Dental Hygiene 103	1
Orientation to Dental Hygiene	
¹ Chemistry 112	
General Chemistry	
OR	
¹ Chemistry 121	5
Survey of Chemistry	
Biology 151	5
Human Anatomy & Physiology	
	<hr/> 16

Winter Quarter

Dental Hygiene 102	3
Head and Neck Anatomy	
Dental Hygiene 104	4
Pre-Clinical Dental Hygiene	
Biology 152	5
Human Anatomy & Physiology	
English 111	5
Communication: The Uses of Language I	
	<hr/> 17

Spring Quarter

Dental Hygiene 105	4
Clinical Dental Hygiene I	
Dental Hygiene 106	3
General Pathology, Oral	
Pathology, and Oral Medicine	
Speech 121	5
Communications	
Biology 250	5
Microbiology	
	<hr/> 17

SOPHOMORE

Summer Quarter

² Citizenship 101	2
Citizenship	
Dental Hygiene 107	3
Periodontics	
Dental Hygiene 201	3
Pharmacology & Anesthesiology	
Physical Education 101	2
Personal Health	
Physical Education 102	2
First Aid	
Psychology 201	5
General Psychology	
	<hr/> 17

Fall Quarter

Dental Hygiene 110	5
Nutrition	
Dental Hygiene 202	7
Clinical Dental Hygiene II	
Dental Hygiene 205	3
Dental Health Education	
	<hr/> 15

Winter Quarter

Dental Hygiene 108	3
Dental Materials	
Dental Hygiene 203	7
Clinical Dental Hygiene III	
Dental Hygiene 211	2
Community Dental Health I	
Sociology 105	5
Introduction to Sociology	
	<hr/> 17

Spring Quarter

Dental Hygiene 204	7
Clinical Dental Hygiene IV	
Dental Hygiene 212	3
Community Dental Health II	
Directed Field Experience	
History 251 or 252	5
American Civilization I or II	
Physical Education Elective	
	<hr/> 16

Total 115

¹CHEM 121 is offered during the Summer Quarter and may be taken prior to entering the Dental Hygiene Program. CHEM 111 is a prerequisite to CHEM 112.

²CITZ 101 will not transfer to a baccalaureate program; POLI 111 may be substituted for CITZ 101.

Note: Dental Hygiene career courses may not fulfill requirements for the baccalaureate degree in dental hygiene offered by the Medical College of Georgia. Students should consult with the Director of the Department of Dental Hygiene at the Medical College of Georgia.

DRAFTING AND DESIGN TECHNOLOGY
Two-Year Programs
(Associate In Applied Science Degree)

Advising School: Technology

The Drafting and Design Technology Program is designed to prepare qualified drafters to plan, prepare and interpret mechanical or architectural drawings. In level one of the Program, students develop the basic drafting skills and techniques applicable to all drafting and design projects. In level two, students select Architectural Technology or Mechanical Drafting Technology specialties for the purpose of development of in-depth skills and knowledge.

ARCHITECTURAL DESIGN

The Architectural Technology option prepares qualified drafters to develop drawings of residential and commercial buildings which are used in the construction process. Students study such areas as building codes, zoning laws, safety regulations, building materials, surveying procedures, electrical and mechanical systems.

<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
AREA I — HUMANITIES			
A. ¹ ENGL	103	Technical Writing	5
B. ENGL	111	Communication: The Uses of Language I	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. MATH	111	College Algebra	5
B. PHYS	151	Introduction to General Physics	5
			10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
or			
B. ¹ CITZ	101	Citizenship	2
		SOCIAL SCIENCE ELECTIVE (excluding POLI 111)	5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. Level 1			
¹ ATDD	101	Engineering Drawing I	5
¹ ATDD	102	Technical Illustrations	5
¹ ATDD	110	Descriptive Geometry	5
¹ ATDD	115	Precision Sheet Metal Drawing	3
¹ ATDD	201	Computer-Aided Drafting	5
¹ ATDP	101	Introduction to Data Processing with BASIC	5
			28
B. Level 2			
¹ ATAD	201	Architectural Drafting I	5
¹ ATAD	202	Architectural Drafting II	5
¹ ATAD	203	Surveying	5
¹ ATAD	204	Construction Estimating	3
¹ ATAD	215	Architectural Rendering	5
¹ ATAD	222 or 233	Occupational Internship or Selected Topics and Problems	5
			28
C. ADDITIONAL REQUIREMENTS			
MATH	107	Applied Trigonometry	5
		Related electives selected with consent of program advisor.	5
			10
Total			93-96

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

DRAFTING AND DESIGN TECHNOLOGY (continued from previous page)

MECHANICAL DRAFTING

The Mechanical Drafting Technology option prepares students to translate ideas, rough sketches and specifications developed by engineers and designers into working drawings. Emphasis is placed upon developing a second foundation in basic drafting practices, including tool, machine and product design.

<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
AREA I — HUMANITIES			
A. ¹ ENGL	103	Technical Writing	5
B. ENGL	111	Communication: The Uses of Language I	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. MATH	111	College Algebra	5
B. PHYS	151	Introduction to General Physics	5
			10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
or			
B. ¹ CITZ	101	Citizenship	2
		SOCIAL SCIENCE ELECTIVE (excluding POLI 111)	5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. Level 1			
¹ ATDD	101	Engineering Drawing I	5
¹ ATDD	102	Technical Illustrations	5
¹ ATDD	110	Descriptive Geometry	5
¹ ATDD	115	Precision Sheet Metal Drawing	3
¹ ATDD	201	Computer-Aided Drafting	5
¹ ATDP	101	Introduction to Data Processing with BASIC	5
			28
B. Level 2			
¹ ATMD	201	Mechanical Drafting I	5
¹ ATMD	203	Materials and Processes of Industry	5
¹ ATMD	204	Blueprint Reading	3
¹ ATMD	210	Mechanical Design II	5
¹ ATMD	215	Presentation Drawings	5
¹ ATMD	222 or 233	Occupational Internship or Selected Topics and Problems	5
			28
C. ADDITIONAL REQUIREMENTS			
MATH	107	Applied Trigonometry	5
		Related electives selected with consent of program advisor.	5
			10
Total			93-96

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

ELECTRONICS TECHNOLOGY

Advising School: Technology

The Electronics Technology Programs provide theoretical and practical training for men and women who are seeking careers or further education in electronics.

One-year certificate programs are available in Electrical Power Technology and Electronics Technology. A two-year Electronics Technology degree program is also available as well as two-year specialized degree programs in Avionics, Computer Service, Electromechanical, Telecommunications, and Instrumentation Technology.

All the two-year degree programs have a common core of courses and experiences during the first year. Because of the many options available within the Electronics Programs, it is recommended that students consult with an advisor prior to beginning the Electronics Program.

ELECTRICAL POWER TECHNOLOGY One-Year Program (Certificate)

The certificate program in Electrical Power Technology is designed to prepare technicians for entry-level positions such as electrician helper, electrical installer and electrical maintenance worker.

<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A. ¹ ENGL	103	Technical Writing	5
			5
B. ¹ MATH	107	Applied Trigonometry	5
			5
			5
C. MAJOR FIELD REQUIREMENTS:			
¹ ATEP	101	Residential Wiring	5
¹ ATEP	102	National Electrical Code	5
¹ ATEP	103	Industrial Wiring	5
¹ ATEP	110	Electrical Applications in AC and DC	5
¹ ATEP	201	Power Distribution	5
¹ ATEM	251	Rotating Machines and Controls	5
¹ ATIT	272	Process/Industrial Instrumentation	5
			35
		Total	45

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

ELECTRONICS TECHNOLOGY (continued from previous page)

ELECTRONICS TECHNOLOGY One-Year Program (Certificate)

The certificate program in Electronics Technology is designed to prepare technicians for entry-level positions such as bench technicians, field technicians, electronic maintenance technicians, and electronic assembly related occupations.

<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A. ¹ ENGL	103	Technical Writing	5
			5
B. ¹ MATH	107	Applied Trigonometry	5
	MATH 111	College Algebra	5
			10
C. MAJOR FIELD REQUIREMENTS:			
¹ ATEL	101	DC Circuit Analysis	5
¹ ATEL	103	AC Circuit Analysis	5
¹ ATEL	104	Active Devices and Applications	5
¹ ATEL	106	Linear Devices and Applications	5
¹ ATEL	107	Introduction to Digital Circuits	5
¹ ATEL	108	Microprocessors	5
¹ ATEL	110	Electronic Troubleshooting and Fabrication Techniques	3
			33
		Total	48

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

ELECTRONICS TECHNOLOGY (continued from previous page)

**ELECTRONICS TECHNOLOGY
Two-Year Program
(Associate In Applied Science Degree)**

The Electronics Technology Degree Program is designed to prepare technicians who are broadly trained within electronics to work in the electronic and related industry where breadth of experience is preferred rather than specialization.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A.	¹ ENGL 103	Technical Writing	5
B.	ENGL 111	Communication: The Uses of Language I	5
			<hr/> 10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A.	¹ MATH 107	Applied Trigonometry	5
B.	MATH 111	College Algebra	5
			<hr/> 10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A.	POLI 111	American National Government	5
	HIST 251 or 252	American Civilization I or II	5
	or		
B.	¹ CITZ 101	Citizenship	2
	SOCIAL SCIENCE ELECTIVE (excluding POLI 111)		5
			<hr/> 7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A.	Core Area		
	¹ ATEL 101	DC Circuit Analysis	5
	¹ ATEL 103	AC Circuit Analysis	5
	¹ ATEL 104	Active Devices and Applications	5
	¹ ATEL 106	Linear Devices and Applications	5
	¹ ATEL 107	Introduction to Digital Circuits	5
	¹ ATEL 108	Microprocessors	5
	¹ ATEL 110	Electronic Troubleshooting and Fabrication Techniques	3
			<hr/> 33
B.	Specialty Area		
	Select 30 quarter hours in conjunction with program advisor distributed among at least three of the following areas: Avionics, Computer Service, Electromechanical, Instrumentation, and Telecommunications (This may include ¹ ATEL 222, Occupational Internship, or ¹ ATEL 233, Selected Topics and Problems.)		
			30
			<hr/> 30
		Total	<hr/> <hr/> 90-93

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Student planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

ELECTRONICS TECHNOLOGY (continued from previous page)

**AVIONICS TECHNOLOGY
Two-Year Program
(Associate In Applied Science Degree)**

The Avionics Technology Program is designed to prepare technicians qualified for the installation, maintenance, and repair of communication, navigation, and other equipment aboard aircraft and on the ground. All major field courses involve laboratory exercises on state-of-the-art equipment including color radar, flight controls, automated test equipment and other avionics systems.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A.	¹ ENGL 103	Technical Writing	5
B.	ENGL 111	Communication: The Uses of Language I	5
			<hr/> 10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A.	¹ MATH 107	Applied Trigonometry	5
B.	MATH 111	College Algebra	5
			<hr/> 10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A.	POLI 111	American National Government	5
	HIST 251 or 252	American Civilization I or II	5
	or		
B.	¹ CITZ 101	Citizenship	2
	SOCIAL SCIENCE ELECTIVE (excluding POLI 111)		5
			<hr/> 7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A.	Core Area		
	¹ ATEL 101	DC Circuit Analysis	5
	¹ ATEL 103	AC Circuit Analysis	5
	¹ ATEL 104	Active Devices and Applications	5
	¹ ATEL 106	Linear Devices and Applications	5
	¹ ATEL 107	Introduction to Digital Circuits	5
	¹ ATEL 108	Microprocessors	5
	¹ ATEL 110	Electronic Troubleshooting and Fabrication Techniques	3
			<hr/> 33
B.	Specialty Area		
	¹ ATAV 210	Aircraft Systems	5
	¹ ATAV 220	Navigation Systems	5
	¹ ATAV 230	Air to Ground and Related Systems	5
	¹ ATTC 210	Receiver/Transmitters	5
	¹ ATTC 212	Specialized Communication Systems and Techniques	5
			<hr/> 25
C.	ADDITIONAL REQUIREMENTS		
	Select 10 quarter credit hours from the following with consent of program advisor.		
	¹ ATIT 111	Introduction to Instrumentation Technology	5
	¹ ATIT 272	Process/Industrial Instrumentation	5
	¹ ATEM 235	Mechanics	5
	¹ ATEM 237	Hydraulics/Pneumatics	5
	¹ ATTC 220	FCC Rules and Regulations	5
	¹ ATCO 221	Introduction to Computers	5
	¹ ATCO 226	Data Communications	5
	¹ ATAV 222	Occupational Internship	5
	¹ ATAV 233	Selected Topics and Problems	5
			<hr/> 10
		Total	<hr/> <hr/> 95-98

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

ELECTRONICS TECHNOLOGY (continued from previous page)

COMPUTER SERVICE TECHNOLOGY
Two-Year Program
(Associate In Applied Science Degree)

The Computer Service Technology Program is designed to prepare technicians qualified to function in the design, fabrication, and maintenance of computers and other information processing equipment.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ¹ ENGL	103	Technical Writing	5
B. ENGL	111	Communication: The Uses of Language I	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. ¹ MATH	107	Applied Trigonometry	5
B. MATH	111	College Algebra	5
			10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
or			
B. ¹ CITZ	101	Citizenship	2
SOCIAL SCIENCE ELECTIVE (excluding POLI 111)			5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. Core Area			
¹ ATEL	101	DC Circuit Analysis	5
¹ ATEL	103	AC Circuit Analysis	5
¹ ATEL	104	Active Devices and Applications	5
¹ ATEL	106	Linear Devices and Applications	5
¹ ATEL	107	Introduction to Digital Circuits	5
¹ ATEL	108	Microprocessors	5
			30
B. Specialty Area — Select 30 hours from the following:			
¹ ATCO	208	Advanced Microprocessor Interfacing	5
¹ ATCO	221	Introduction to Computers	5
¹ ATCO	222	Occupational Internship	5
¹ ATCO	224	Computer Peripheral Devices	5
¹ ATCO	225	Operating Systems Concepts	5
¹ ATCO	226	Data Communications	5
¹ ATCO	228	Troubleshooting Techniques and Customer Relations	5
¹ ATCO	233	Selected Topics and Problems	5
			30
C. ELECTIVE TO BE SELECTED WITH CONSENT OF ADVISOR			
			5
			5
			92-95

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

ELECTRONICS TECHNOLOGY (continued from previous page)

ELECTROMECHANICAL TECHNOLOGY
Two-Year Program
(Associate In Applied Science Degree)

The Electromechanical Technology Program is designed to prepare technicians qualified to assemble, maintain and repair mechanical and electrical systems in manufacturing and field service situations.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ¹ ENGL	103	Technical Writing	5
B. ENGL	111	Communication: The Uses of Language I	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. ¹ MATH	107	Applied Trigonometry	5
B. MATH	111	College Algebra	5
			10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
or			
B. ¹ CITZ	101	Citizenship	2
SOCIAL SCIENCE ELECTIVE (excluding POLI 111)			5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. Core Area			
¹ ATEL	101	DC Circuit Analysis	5
¹ ATEL	103	AC Circuit Analysis	5
¹ ATEL	104	Active Devices and Applications	5
¹ ATEL	106	Linear Devices and Applications	5
¹ ATEL	107	Introduction to Digital Circuits	5
¹ ATEL	108	Microprocessors	5
¹ ATEL	110	Electronic Troubleshooting and Fabrication Techniques	3
			33
B. Specialty Area			
¹ ALEM	235	Mechanics	5
¹ ALEM	231	Industrial Electronics	5
¹ ALEM	237	Hydraulics/Pneumatics	5
¹ ALEM	239	Robotics	5
¹ ALEM	251	Rotating Machines and Controls	5
			25
C. ADDITIONAL REQUIREMENTS			
Elective technical course selected with consent of program advisor (may include ¹ ALEM 222, Occupational Internship, or ¹ ALEM 233, Selected Topics and Problems).			5
			5
			90-93
Total			90-93

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

ELECTRONICS TECHNOLOGY (continued from previous page)

INSTRUMENTATION TECHNOLOGY
Two-Year Program
(Associate In Applied Science Degree)

The Instrumentation Technology Program is designed to prepare technicians qualified to operate, install, calibrate, repair, maintain, and design equipment and systems used for measurement and control purposes in the biomedical, scientific and manufacturing industries.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ¹ ENGL	103	Technical Writing	5
B. ENGL	111	Communication: The Uses of Language I	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. ¹ MATH	107	Applied Trigonometry	5
B. MATH	111	College Algebra	5
			10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
or			
B. ¹ CITZ	101	Citizenship	2
SOCIAL SCIENCE ELECTIVE (excluding POLI 111)			5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. Core Area			
¹ ATEL	101	DC Circuit Analysis	5
¹ ATEL	103	AC Circuit Analysis	5
¹ ATEL	104	Active Devices and Applications	5
¹ ATEL	106	Linear Devices and Applications	5
¹ ATEL	107	Introduction to Digital Circuits	5
¹ ATEL	108	Microprocessors	5
¹ ATEL	110	Electronic Troubleshooting and Fabrication Techniques	3
			33
B. Specialty Area			
¹ ATIT	111	Introduction to Instrumentation Technology	5
¹ ATIT	260	Biomedical Instrumentation	5
¹ ATIT	272	Process/Industrial Instrumentation	5
¹ ATEM	239	Robotics	5
¹ ATCO	221	Introduction to Computers	5
			25
D. ADDITIONAL REQUIREMENTS			
Elective technical or science courses selected with consent of program advisor. May include but not limited to the following:			
ATIT	222	Occupational Internship	5
ATIT	233	Selected Topics and Problems	5
ATIT	251	Analytical/Scientific Instrumentation	5
ATIT	278	Computer/Microprocessor Applications	5
ATIT	288	Design of Electronic Circuits and Systems	3
ATIT	291	Instrumentation Design Project	3
			10
Total			95-98

(continued on next page)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

ELECTRONICS TECHNOLOGY (continued from previous page)

TELECOMMUNICATIONS TECHNOLOGY
Two-Year Program
(Associate In Applied Science Degree)

The Telecommunications Technology Program is designed to prepare technicians qualified for employment in the design, installation, calibration, maintenance, repair and operation of modern telecommunication equipment and systems.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ¹ ENGL	103	Technical Writing	5
B. ENGL	111	Communication: The Uses of Language I	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. ¹ MATH	107	Applied Trigonometry	5
B. MATH	111	College Algebra	5
			10
AREA III — SOCIAL SCIENCES (Select A or B)²			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
or			
B. ¹ CITZ	101	Citizenship	2
SOCIAL SCIENCE ELECTIVE (excluding POLI 111)			5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. Core Area			
¹ ATEL	101	DC Circuit Analysis	5
¹ ATEL	103	AC Circuit Analysis	5
¹ ATEL	104	Active Devices and Applications	5
¹ ATEL	106	Linear Devices and Applications	5
¹ ATEL	107	Introduction to Digital Circuits	5
¹ ATEL	108	Microprocessors	5
¹ ATEL	110	Electronic Troubleshooting and Fabrication Techniques	3
			33
B. Specialty Area			
¹ ATTC	210	Receivers and Transmitters	5
¹ ATTC	212	Specialized Communication Systems and Techniques	5
¹ ATTC	215	Telephone Systems	5
¹ ATCO	226	Data Communications	5
			20
C. ADDITIONAL REQUIREMENTS			
Elective technical courses selected with consent of program advisor (may include ¹ ATTC 222, Occupational Internship, or ¹ ATTC 233, Selected Topics and Problems).			
			10
Total			90-95

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

MANAGEMENT AND SUPERVISION

Advising School: Business

The Management and Supervision Program is designed to enable students to acquire the knowledge and skills necessary for employment as a first-line supervisor in a manufacturing or service industry.

The Program will equip students with the methods, techniques, and practices of modern management in planning, organizing and controlling the workers and materials utilized in the manufacturing and service industries.

One-Year Program (Certificate)

<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A. REQUIRED COURSES			
¹ ATMK	110	The Nature and Environment of Business	5
¹ BMGT	251	Principles of Management and Supervision	5
¹ ATMS	110	Industrial Management	5
¹ ATMS	140	Quality Control	5
¹ ATMS	150	Labor Relations	5
¹ ATMS	165	Performance and Evaluation Techniques	5
¹ ATMS	170	Leadership Skills	5
¹ ATDP	101	Introduction to Data Processing with BASIC	5
ACCT	201	Principles of Accounting I	5
			45
B. ADDITIONAL REQUIREMENTS (Select one)			
¹ ATCP	100	Career Planning	2
¹ ATMS	120	Plant Operation and Maintenance Management	5
¹ ATMS	130	Work Design and Measurement	5
¹ ATMS	222	Occupational Internship	5
¹ ATMS	233	Selected Topics and Problems	5
			2-5
Total			47-50

Two-Year Program (Associate In Applied Science Degree)

<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
AREA I — HUMANITIES			
A. ¹ ENGL	103	Technical Writing	5
B. ENGL	111	Communication: The Uses of Language I	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. MATH	121	Decision Mathematics I	5
			5

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MANAGEMENT AND SUPERVISION (continued from previous page)

<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
AREA III — SOCIAL SCIENCES (Select A or B)²			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
or			
B. ¹ CITZ	101	Citizenship	2
SOCIAL SCIENCE ELECTIVE (excluding POLI 111)			5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. ¹ ATMK	110	Nature and Environment of Business	5
¹ BMGT	251	Principles of Management and Supervision	5
¹ ATMS	110	Industrial Management	5
¹ ATMS	140	Quality Control	5
¹ ATMS	150	Labor Relations	5
¹ ATMS	165	Performance and Evaluation Techniques	5
¹ ATMS	170	Leadership Skills	5
¹ ATMS	180	Supervision In The Workforce	5
¹ ATDP	101	Introduction to Data Processing with BASIC	5
			45
B. Choose 25 hours from the following:			
¹ ATMS	120	Plant Operation and Maintenance Management	5
¹ ATMS	130	Work Design and Measurement	5
¹ ATMS	222	Occupational Internship	5-10
¹ ATMS	233	Selected Topics and Problems	5
¹ OADT	205	Business Communications	5
MATH	122	Decision Mathematics II	5
BSAD	270	Legal Environment of Business	5
ACCT	201	Principles of Accounting I	5
ECON	201	Principles of Economics I	5
ECON	202	Principles of Economics II	5
PSYC	201	General Psychology	5
			25
Total			92-95

MARKETING/MANAGEMENT TECHNOLOGY

Advising School: Business

The Marketing/Management Technology curriculum is designed to enable students to acquire the knowledge and to develop the skills necessary for employment as a salesperson, buyer or store/department manager trainee in the business community.

The Marketing/Management graduate should be employable in businesses that utilize salespersons, buyers, and marketing management personnel.

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¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

³Students planning to transfer to a four-year program will need to complete POLI III and HIST 252.

MARKETING/MANAGEMENT TECHNOLOGY (continued from previous page)

**One-Year Program
(Certificate)**

Course	Number	Title	Quarter Credit Hours
A. REQUIRED COURSES			
¹ ATMK	110	The Nature and Environment of Business	5
¹ BMGT	281	Principles of Marketing	5
¹ ATMK	120	Creative Selling	5
¹ ATMK	130	Principles of Retailing	5
¹ ATMK	140	Principles of Advertising	5
¹ BMGT	251	Principles of Management and Supervision	5
¹ OADT	100	Business English	5
ACCT	201	Principles of Accounting I	5
¹ ATDP	101	Introduction to Data Processing with BASIC	5
			45
B. ADDITIONAL REQUIREMENT (Select one)			
¹ ATCP	100	Career Planning	2
¹ ATMK	222	Occupational Internship	5
¹ ATMK	233	Selected Topics and Problems	5
			2-5
Total			47-50

**Two-Year Program
(Associate In Applied Science Degree)**

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A.	ENGL 103 and 111	Technical Writing and Communication: The Uses of Language I	10
	or		
B.	ENGL 111 and 112	Communication: The Uses of Language I and II	10
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A.	MATH 121	Decision Mathematics I	5
			5
AREA III — SOCIAL SCIENCES (Select A or B)²			
A.	POLI 111	American National Government	5
	HIST 251 or 252	American Civilization I or II	5
	or		
B.	¹ CITZ 101	Citizenship	2
	SOCIAL SCIENCE ELECTIVE (excluding POLI 111)		5
			7-10

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¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Students planning to transfer to a four-year program need to complete POLI 111 and HIST 252.

MARKETING/MANAGEMENT TECHNOLOGY (continued from previous page)

Course	Number	Title	Quarter Credit Hours
AREA IV — MAJOR FIELD REQUIREMENTS			
A.	¹ ATMK 110	Introduction to Business	5
	¹ BMGT 251	Principles of Management and Supervision	5
	¹ ATDP 101	Introduction to Data Processing with BASIC	5
			15
B.	Choose 10 hours from the following:		
	ACCT 201 or OADT 250	Principles of Accounting I or Automated Accounting	5
	ECON 201	Principles of Economics	5
	¹ BMGT 261	Introduction to Finance	5
			10
C.	Choose 15-20 hours from the following:		
	¹ BMGT 281	Principles of Marketing	5
	¹ ATMK 120	Professional Selling	5
	¹ ATMK 130	Principles of Retailing	5
	¹ ATMK 140	Principles of Advertising	5
			15-20
D.	An additional 15-20 hours in related courses to permit students to pursue a specialty area in marketing. Specialty areas include:		
	1. Hotel and Hospitality Management		
	¹ ATMK 240	Introduction to the Hospitality Industry	4
	¹ ATMK 241	Food and Beverage Management and Service	4
	¹ ATMK 242	Human Relations In The Hospitality Industry	4
	¹ ATMK 243	Communications In The Hospitality Industry	4
	¹ ATMK 244	Training In The Hospitality Industry	4
	¹ ATMK 245	Convention Management and Service	4
	¹ ATMK 246	Front Office Procedures	4
	2. Food Industry Management		
	¹ ATMK 260	Introduction To The Food Industry	3
	¹ ATMK 261	Managing and Training People	3
	¹ ATMK 262	Front-End Management	3
	¹ ATMK 263	Customer Relations	2
	¹ ATMK 264	Meat Management and Operations	2
	¹ ATMK 265	Produce Management and Operations	2
	¹ ATMK 266	Floral Management and Operations	2
	¹ ATMK 267	General Merchandise Management and Operations	2
	¹ ATMK 268	Food Store Sanitation	2
	¹ ATMK 269	Food Store Security	3
	3. Retail Industry		
	ATMK 270	Retail Management	5
	ATMK 271	Visual Merchandising	5
	ATMK 272	Merchandise Buying	5
	4. Advertising Industry		
			20
ADDITIONAL REQUIREMENT			
A.	Select 10 quarter hours from the following with consent of program advisor:		
	¹ ATMK 222	Occupational Internship	5-10
	¹ ATMK 233	Selected Topics and Problems	5
	¹ OADT 203	Office Management	5
	¹ OADT 205	Business Communications	5
	SPCH 121	Communications	5
	PSYC 201	General Psychology	5
	SOCI 105	Introduction to Sociology	5
			10
			92-95

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

MEDICAL LABORATORY TECHNOLOGY
Two-Year Program
(Associate In Arts Degree)

Advising School: Health Sciences

The Medical Laboratory Technology Program at Clayton State College is offered in cooperation with Atlanta Area Technical School to train men and women as medical laboratory technicians to work in medical laboratories under the direct supervision of a medical technologist.

A medical laboratory technician is a medical fact-finder, producing evidence to aid physicians' diagnoses by exacting laboratory tests on blood and body fluids; by preparing tissue specimens; by identifying micro-organisms found in air, food, milk, and body materials; and by operating special apparatuses and precision instruments.

For these reasons, an applicant to the Medical Laboratory Technology Program should have an interest in health and science and a strong background of high school courses in chemistry and biology. Personal qualifications essential for success as a medical laboratory technician include a sense of responsibility, an exacting nature and an ability to be precise with detail, and a willingness to work in order to reach goals. A graduate of the Program will find employment with hospitals, clinics, and individual physicians in all parts of the country.

An applicant to the Medical Laboratory Technology Program may begin the general education courses required during any quarter of the academic year. However, the five quarters of work required at Atlanta Area Technical School are sequential in nature, and admission is made into the course sequence only twice during the year. A student should consult closely with the School of Health Sciences at Clayton State College and with the Office of Admissions at Atlanta Area Technical School in working toward the cooperative degree and certificate.

A medical laboratory technology student is responsible for providing transportation between the campus and community agencies when assigned for laboratory classes and experience.

NOTE: A minimum of 20 quarter hours in this degree program must be completed at Clayton State College, and the institution reserves the right to determine which 20 hours are to be completed at Clayton.

COURSES TO BE TAKEN AT CLAYTON STATE COLLEGE

Biology 111 — Principles of Biology	5
Chemistry 151 — Principles of Chemistry	5
English 111 — Communication: The Uses of Language I	5
History 251 or 252 — American Civilization I or II	5
Mathematics 111 — College Algebra	5
Political Science 111 — American National Government	5
	30

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MEDICAL LABORATORY TECHNOLOGY (continued from previous page)

**COURSES TO BE TAKEN AT CLAYTON STATE COLLEGE
OR ATLANTA AREA TECHNICAL SCHOOL**

A. Biology 102 — Body Structure and Function	5
or	
B. Biology 112 — Principles of Biology	5
ATMA 100 — Introduction to Health Professions	10
C. Biology 161 — Urinalysis, microbiology/parasitology, immunology, immuno-hematology, laboratory chemistry	10
Biology 260 — Hematology	5
Chemistry 260 — Clinical Chemistry	5
Biology 261 — Experience in Clinical Lab I	15
Biology 262 — Experience in Clinical Lab II	15
	50
	90

MEDICAL OFFICE ASSISTANT
One-Year Program
(Certificate)

Advising School: Health Sciences

The Medical Office Assistant Program is designed to prepare students to perform as receptionists, bookkeepers, and other office managerial positions while assisting physicians, dentists, and other health professionals in physical examinations, minimal laboratory tests and patient record keeping.

<i>Course Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
A. REQUIRED COURSES		
¹ ATMA 100	Introduction to Health Professions	5
¹ ATMA 110	Medical Assisting Procedures	5
¹ ATMA 115	Medical Administrative Procedures	5
¹ ATMA 120	Treatment Modalities	3
¹ ATMA 130	Laboratory Procedures	3
¹ ATMA 140	Medical-Surgical Problems	5
¹ ATMA 222	Occupational Internship	10
BIOL 102	Body Structure and Function	5
¹ OADT 100	Business English	5
¹ OADT 111	Keyboarding/Typewriting I	3
¹ OADT 112	Keyboarding/Typewriting II	3
¹ OADT 250	Automated Accounting I	5
¹ OADT 212	Word Information Processing I	5
	Total	62
B. ELECTIVE		
¹ ATMA 233	Selected Topics and Problems	5
		5
		62-67

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

MUSIC
Two-Year Program
(Associate In Arts Degree)

Advising School: Arts and Sciences

The Career Music Program at Clayton State College is designed to develop skills in the performance of music and in the instruction of amateur musicians. Graduates of this Program will be prepared to teach privately or to direct amateur musical organizations such as church and community choirs.

The Career Music Program requires a minimum of 96 quarter credit hours for graduation: 20 in Humanities other than Music; 5 in Natural Sciences and Mathematics; 15 in Social Sciences; 53 in Music; and 3 hours of Physical Education.

<i>Course</i>	<i>Number</i>	<i>Title</i>	<i>Quarter Credit Hours</i>
AREA I — HUMANITIES			
A. ART	211	Art Appreciation	5
B. ENGL	111	Communication: The Uses of Language I	5
C. SPCH	121	Communications	5
D.	Choose one of the following:		5
ART	213	Ancient, Medieval, and Renaissance Art	
ENGL	112	Communication: The Uses of Language II	
FREN	111	Elementary French I	
PHIL	211	Introduction to Philosophy	
SPAN	111	Elementary Spanish I	
			20
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A.	Choose one course in mathematics or natural sciences except MATH 107 and 122 (MATH 105, Introduction to College Mathematics; or SCI 105, Environmental Science, is suggested.)		5
			5
AREA III — SOCIAL SCIENCES			
A. HIST	251 or 252	American Civilization I or II	5
B. POLI	111	American National Government	5
C. PSYC	201	General Psychology	5
			15
AREA IV — MAJOR FIELD REQUIREMENTS			
MUSI	100	Music Literature Survey	2
MUSI	111, 112, 113		
	201, 202, 203	Music Theory	18
¹ MUSI	140 or 141	Pedagogy (Piano or Voice)	5
MUSI	152 and 252	Applied Music	6
MUSI	191	Ensemble	6
MUSI	211	Music Appreciation	5
¹ MUSI	240 or 241	Music Literature (Piano or Voice)	5
MUSIC ELECTIVES			6
			53
PHYSICAL EDUCATION ELECTIVES			3
			96
Total			

¹These career courses in music do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV of the College Transfer Program in Music.

Note: All music majors must demonstrate keyboard proficiencies in the following areas: scales, arpeggios, cadence chords, sight reading, harmonization and transposition. Students must enroll in Music 150a, 151a, or a higher level applied piano course each quarter they are enrolled until the proficiency is demonstrated.

NURSING
Two-Year Program — Registered Nursing
(Associate In Arts Degree)

Advising School: Health Sciences

The Nursing Program at Clayton State College is designed to educate persons who desire a career in nursing and to meet the expressed need for nurses in the south Atlanta metropolitan area. A graduate of the Program may petition to take the examination of the Georgia Board of Nursing; successful completion of the examination licenses the graduate as a Registered Nurse.

The Nursing Program consists of six quarters, and begins with the Fall Quarter. Formal admission into the Program occurs after completion of the Fall Quarter if the student has a minimum Grade Point Average of 2.0 (C), a grade of "C" or higher in the nursing course required during the Fall Quarter, and meets the prerequisites for other courses prescribed for Winter Quarter. Although the nursing courses are sequential in nature, beginning with "Nursing 105," a student may begin the general education courses required in the Program during any quarter.

A candidate for acceptance into the Nursing Program should display previous achievement through high school records; a strong science background of high school chemistry, biology, and algebra (or appropriate courses beyond high school); ability as measured by the Scholastic Aptitude Test; and those personal qualifications appropriate to nursing. An applicant who, in the judgment of the Nursing Admissions Committee, presents high overall qualifications is selected for acceptance.

It is recommended that an applicant who has been away from school for a considerable period of time enroll in at least one course in an accredited college during the school year or summer preceding the applicant's planned entrance into the Nursing Program.

A nursing student is responsible for providing transportation between campus and clinical areas such as community hospitals and other health agencies. A student is required to wear the official student uniform of the Nursing Program. A student accepted for the Nursing Program will be sent information on supplies and equipment needed for the Fall Quarter prior to the beginning of the quarter.

The Nursing Program has a limited enrollment and students will be selected on the basis of Scholastic Aptitude Test (SAT) scores, college course grades, high school course grades, relevant work experience, and other qualifications relating to academic and professional potential. Interviews may be required.

A. STUDENTS WITHOUT PREVIOUS ENROLLMENT IN A REGISTERED NURSING PROGRAM.

Students who do not meet the requirements for admission into college-level studies and enroll in the Developmental Studies Program of the College may apply for admission into the Nursing Program after completing 20 quarter credit hours of college-level courses with a grade point average of 2.0 or higher. (Suggested courses

(continued on next page)

OFFICE ADMINISTRATION AND TECHNOLOGY

Advising School: Business

The Office Administration and Technology Programs prepare students for careers in today's automated offices. Based on their career goals, students may enroll in either one-year certificate or two-year associate degree programs.

The Accounting Technology Certificate Program prepares students for positions such as accounting clerks and bookkeepers. Use of the computer for automated accounting functions is stressed.

The Office Technology Certificate Program offers options for the following positions: word processing operator, typist, general office clerk, receptionist, and secretary.

The Administrative Office Services Degree Program is designed for students who plan high-level positions as administrative assistants, office supervisors, executive secretaries, or legal secretaries. Students may specialize in one of these areas by taking selected courses.

In addition to the career programs described above, students may work toward a four-year baccalaureate degree through a major in one of the transfer programs: Business Education or Secretarial Studies/Office Administration.

ACCOUNTING TECHNOLOGY One-Year Program (Certificate)

The Accounting Technology Program is designed for students who are preparing for employment as bookkeepers, accounting clerks, bank clerks, and payroll clerks. This short-term program prepares students for automated accounting using the computer.

Course Number	Title	Quarter Credit Hours
A. Required Courses		
¹ OADT 100	Business English	5
¹ OADT 111 or 112	Keyboarding/Typewriting I or Keyboarding/Typewriting II	3
¹ OADT 112 or 113	Keyboarding/Typewriting II or Keyboarding/Typewriting III	3
¹ OADT 202	Business Machines Calculation	5
¹ OADT 205	Business Communications	5
¹ OADT 207	Office Procedures I	5
¹ OADT 208 or 222	Office Procedures II or Occupational Internship	5
¹ OADT 211	Concepts of Information Systems	5
		38
B. Elective Courses (Select three courses)		
¹ OADT 112	Keyboarding/Typewriting II	3
¹ OADT 203 or ¹ BMGT 251	Office Management or Principles of Management and Supervision	5
¹ OADT 205	Business Communications	5
¹ OADT 233	Special Topics and Problems	5
¹ BMGT 293	Income Tax Accounting	5
¹ BMGT 294	Cost Control and Internal Reporting	5
¹ BMGT 295	Auditing and Specialized Reporting	5
		13-15
		51-53

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¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

Note: Competency examinations are available to establish credit by examination in one or more of these courses. A student who has taken the CPS exam may receive credit for parts passed.

OFFICE ADMINISTRATION AND TECHNOLOGY (continued from previous page)

OFFICE TECHNOLOGY One-Year Program (Certificate)

The Office Technology Program prepares students for a variety of office positions according to elective courses taken. Some typical job titles include word processing operator, typist, general office clerk, receptionist, entry-level secretary, and accounting clerk. Emphasis is placed on using automated office equipment, such as word processors, electronic typewriters, and microcomputers.

Course Number	Title	Quarter Credit Hours
A. Required Courses		
¹ OADT 100	Business English	5
¹ OADT 111 or 112	Keyboarding/Typewriting I or Keyboarding/Typewriting II	3
¹ OADT 112 or 113	Keyboarding/Typewriting II or Keyboarding/Typewriting III	3
¹ OADT 202	Business Machines Calculation	5
¹ OADT 205	Business Communications	5
¹ OADT 207	Office Procedures I	5
¹ OADT 208 or 222	Office Procedures II or Occupational Internship	5
¹ OADT 211	Concepts of Information Systems	5
		36
B. Elective Courses (Select three courses)		
¹ OADT 113 b,c	Keyboarding/Typewriting III	3
¹ OADT 151 b	Shorthand I	5
¹ OADT 152 b	Shorthand II	5
¹ OADT 153 b	Shorthand III	5
¹ OADT 203 a,b,c	Office Management	5
¹ OADT 212 b,c	Word/Information Processing I	5
¹ OADT 213 b,c	Word/Information Processing II	5
¹ OADT 214	Business Computer Software	5
¹ OADT 233 a,b,c	Special Topics and Problems	5
¹ OADT 250 a	Automated Accounting I	5
¹ OADT 251 a	Automated Accounting II	5
¹ OADT 252 a	Automated Accounting Applications	5
		13-15
		49-51

Note: Elective courses recommended for:

- a Accounting Clerk
- b Secretary
- c Word Processing Operator

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¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

Note: Competency examinations are available to establish credit by examination in one or more of these courses. A student who has taken the CPS exam may receive credit for parts passed.

OFFICE ADMINISTRATION AND TECHNOLOGY (continued from previous page)

**ADMINISTRATIVE OFFICE SERVICES
Two-Year Program
(Associate In Applied Science Degree)**

The Administrative Office Services Degree Program prepares students for positions as administrative assistants, executive secretaries, and office supervisors in a variety of fields, including legal. These positions require an in-depth knowledge of company policies and structure and a high degree of technical skill. With emphasis on managerial skills and information systems concepts, this program may enhance advancement opportunities for students already employed in related fields.

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ENGL	111	Communication: The Uses of Language I	5
B. SPCH	121	Communications	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. Any mathematics course numbered 100 or higher except Math 107 and 122.			
			5
AREA III — SOCIAL SCIENCES			
A. POLI	111	American National Government	5
HIST	251 or 252	American Civilization I or II	5
or			
B. ¹ CITZ	101	Citizenship	2
SOCIAL SCIENCE ELECTIVE (excluding POLI 111)			5
			7-10
AREA IV — MAJOR FIELD REQUIREMENTS			
A. ¹ OADT	100	Business English	5
B. ¹ OADT	111	Keyboarding/Typewriting I	3
¹ OADT	112	Keyboarding/Typewriting II	3
¹ OADT	113	Keyboarding/Typewriting III	3
C. ¹ OADT	202	Business Machines Calculation	5
D. ¹ OADT	203	Office Management	5
E. ¹ OADT	205	Business Communications	5
F. ¹ OADT	207 or 207L	Office Procedures I or Office Procedures I— Legal	5
¹ OADT	208 or	Office Procedures II, or	
¹ OADT	208L or	Office Procedures II — Legal, or	
¹ OADT	222	Occupational Internship	5
G. ¹ OADT	211	Concepts of Information Systems	5
H. ¹ OADT	212	Word/Information Processing I	5
I. ACCT	201 or	Principles of Accounting I, or	
¹ OADT	250	Automated Accounting I	5
J. Select three of the following:			
¹ OADT	151 a,c	Shorthand I	5
¹ OADT	152 a,c	Shorthand II	5
¹ OADT	153 a,c	Shorthand III	5
¹ OADT	213 a,c	Word/Information Processing II	5
¹ OADT	214	Business Computer Software	5
¹ OADT	233 a,b,c	Special Topics and Problems	5
ACCT	202 b or	Principles of Accounting II, or	
¹ OADT	251	Automated Accounting II	5
¹ ATDP	101 b	Introduction to Data Processing with BASIC	5
¹ BMGT	251 b	Principles of Management and Supervision	5
BSAD	270 c	Legal Environment of Business	5
			74
Total			96-99

Note: Section J courses recommended for:
a Executive Secretary/Administrative Assistant
b Office Supervisor/Administrator/Manager
c Legal Secretary

¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

Note: Competency examinations are available to establish credit by examination in one or more of these courses. A student who has taken the CPS exam may receive credit for parts passed.

**PRACTICAL NURSING
One-Year Program — Licensed Practical Nursing
(Certificate)**

Advising School: Health Sciences

The Practical Nursing Program at Clayton State College is designed to educate individuals who desire a career in nursing and to meet the expressed need for nurses in the south metropolitan area of Atlanta. A graduate of the Program may petition to take the examination of the Georgia Board of Nursing and upon successful completion will be licensed as a Licensed Practical Nurse.

The Program is 1400 hours or 99 quarter credit hours in length.

An applicant to the Practical Nursing Program must:

- be graduated from an accredited high school or its equivalent (GED)
- not have more than one failure in any health-related program of one year or less in duration
- be at least seventeen (17) years of age
- have completed documentation verifying good mental and physical health
- have an acceptable score on the Scholastic Aptitude Test (SAT) or meet Developmental Studies requirements
- complete the application to the College
- complete a personal interview with the Practical Nursing Admissions Committee

Students are expected to provide their own transportation between campus and clinical areas utilized for training purposes. Students are required to wear the official uniform of the Practical Nursing Program and will be expected to supply needed supplies and equipment.

Students admitted into the Practical Nursing Program who do not maintain a minimum cumulative grade point average of 2.0 (C) or better are subject to suspension from the Program. For graduation with a certificate in Practical Nursing, a student must complete all courses in the Practical Nursing curriculum with a 2.0 or better grade point average.

Course	Number	Title	Quarter Credit Hours
A. REQUIRED COURSES			
BIOL	102	Body Structure and Function	5
¹ LPN	121	Introduction to Practical Nursing	3
¹ LPN	123	Basic Nutrition	3
¹ LPN	124	Introduction to Patient Care	5
¹ LPN	125	Determining the Nursing Needs of Patients	6
¹ LPN	126	Medical-Surgical Nursing I	18
¹ LPN	127	First Aid for Practical Nursing	2
¹ LPN	128	Pharmacology and Nursing	8
¹ LPN	129	Obstetric Nursing	9
¹ LPN	130	Pediatric Nursing	9
¹ LPN	131	Medical-Surgical Nursing II	6
¹ LPN	132	Psychiatric Nursing	6
¹ LPN	133	Medical-Surgical Nursing III	14
¹ LPN	134	Community Health Nursing	5
			99
B. ELECTIVE			
¹ LPN	233	Special Topics and Problems	1-10
			1-10
			99-109

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

ASSOCIATE IN APPLIED SCIENCE DEGREE PROGRAMS

Cooperative Programs Between Clayton State College and Griffin-Spalding County Area Vocational-Technical School

Students may choose the institution they desire to attend first on a full-time or part-time basis. To attend classes at both institutions during any quarter is possible if appropriate class schedules can be arranged.

Students enrolling in these programs will meet the admissions requirements of both institutions and must be formally admitted by both. The Admissions Office at each institution will handle the admissions and counseling of all associate degree students.

Associate degree students will pay the regular fees charged by each institution.

Students applying for financial aid will be processed according to the standard procedures at each institution.

Curriculum Requirements at Clayton State College

In order to be eligible to receive the Associate in Applied Science Degree from Clayton State College, the student must have successfully completed the appropriate diploma program at Griffin Tech and have successfully completed a minimum of forty-five quarter hours of appropriate work on the Clayton State College campus. In addition, all University System of Georgia degree requirements must be satisfactorily completed.

The core curriculum requirements and electives at Clayton State College follow:

Course	Number	Title	Quarter Credit Hours
AREA I — HUMANITIES			
A. ENGL	111	Communication: The Uses of Language I	5
B. ENGL	103	Technical Writing	5
			10
AREA II — NATURAL SCIENCES AND MATHEMATICS			
A. Choose one of the following in consultation with the assigned academic advisor:			
MATH	107	Applied Trigonometry	5
MATH	111	College Algebra	5
MATH	121	Decision Mathematics	5
			5
B. Choose two of the following in consultation with the assigned academic advisor:			
CHEM	111	General Chemistry I	5
CHEM	112	General Chemistry II	5
PHYS	151	Intro General Physics I	5
PHYS	152	Intro General Physics II	5
PHYS	153	Intro General Physics III	5
MATH	121	Decision Mathematics I	5
MATH	122	Decision Mathematics II	5
			10
AREA III — SOCIAL SCIENCES (Select A or B)¹			
A. POLI	111	American National Government	5
HIST	252	American Civilization II	5
or			
B. CITZ	101	Citizenship	2
SOCIAL SCIENCE ELECTIVE			5
			7-10
AREA IV — MAJOR FIELD ELECTIVES			
In consultation with the assigned academic faculty advisor, choose two or three academic electives appropriate to the specific degree program selected to equal thirteen to fifteen hours.			
			13-15
Note: The total credit hours in AREAS I, II, III, and IV must equal a minimum of forty-five.			
The cooperative programs are available in the following fields of study: Auto Body Fender Repair, Auto Mechanics, Carpentry, Cosmetology, Electrical Technology, Heating, Air Conditioning and Refrigeration, Machine Shop, Welding.			

¹Students planning to transfer to a four-year program will need to complete POLI 111 and HIST 252.

DEVELOPMENTAL STUDIES PROGRAM

Advisement: School of Arts and Sciences Department of Developmental Studies

For a variety of reasons, some applicants to Clayton State College may need additional academic preparation before they enroll in a regular college degree or certificate program. Some have decided to return to school several years after their high school graduation. Others may not have taken the courses they needed to prepare themselves for college. Still others may have had problems with basic academic skills. Students may be required to take Developmental Studies courses when their high school and/or college records, Scholastic Aptitude Test (SAT) scores, or assessments indicate deficiencies in basic academic skills.

The Developmental Studies Program offers instruction in communications, reading, English, mathematics, study skills and personal development. Students must take required Developmental Studies courses during their first quarter of enrollment and continue taking them for each following quarter until all requirements have been completed. Each student required to take any Developmental Studies course(s) will be advised by a Developmental Studies advisor until the student has completed all required Developmental Studies courses.

Developmental Studies courses are not applicable to any degree programs currently offered by the College and are not transferable to other institutions. However, a student who successfully completes all required Developmental Studies courses will be able to schedule degree-applicable courses during the next quarter of attendance, and some students may even be able to schedule some degree-applicable courses during the first quarter of attendance. In any case, an advisor in the Developmental Studies Program must advise and approve the schedule of a student who is required to take Developmental Studies courses.

It is the general policy of Clayton State College that students in Developmental Studies who attempt a course twice and make little measurable progress or demonstrate no sincere effort (by absences or lack of preparation) be placed on academic probation. A student who attempts a Developmental Studies course three times unsuccessfully will be considered to be making no satisfactory academic progress and will be subject to suspension from the College. Each student also is subject to the probation and suspension policies of the College which are applicable to all students.

In some instances, a student who is enrolled in a degree program may wish to elect, with the permission of a Developmental Studies advisor, Developmental Studies courses to review basic academic skills. In addition, the resources of the Division of Developmental Studies are available to students who do not successfully complete the Regents' Testing Program of the University System of Georgia.

Please refer to pages 159-160 of this catalog for a listing of specific Developmental Studies courses offered by the College.

LEARNING RESOURCES CENTER

Clayton State College's Learning Resources Center (LRC) houses a variety of instructional spaces, services, and resources which carry it beyond the traditional library setting. Located within the LRC are library areas, audio-visual areas, IBM computer labs, and offices and laboratories for the Division of Developmental Studies.

Resources include over 57,787 books and 31,721 audio-visual materials including slides, tapes, and filmstrips. The Center also subscribes to over 395 current periodicals and to a variety of newspapers. Back issues of most magazines and newspapers are retained in bound volumes or on microfilm.

The Center is designed on an open-space concept. There are seats for over 450 persons at both tables and study carrels, including special study carrels designed for multi-media use. Other facilities available to students in the LRC include typewriters, computer terminals, photocopiers, and cassette duplicators for non-copyrighted tapes.

The LRC is open 74 hours a week with a staff of professional librarians, media specialists, and assistants available to aid students in the use of materials and equipment. Orientation in the use of the Center is conducted in various classes.

Also available in the LRC is a Learning Laboratory to assist students who need help with English, mathematics, and certain other topics. This laboratory is staffed according to a posted schedule, usually during morning and evening hours.

COURSE DESCRIPTIONS



In all course descriptions, the three digits following each course title refer to weekly class hours, weekly laboratory hours, and quarter credit hours, respectively. For example, (4-3-5) represents a course meeting classes for four hours weekly and a laboratory period for three hours weekly, with resulting credit of five quarter hours for successful completion of the course.

ACCOUNTING

Note: For Career Accounting courses, see Business Management.

ACCT 201 — Principles of Accounting I (5-0-5)

Financial Accounting. A study of the basic processes and concepts of the accounting cycle; includes the preparation and analysis of financial statements for external use. Accounting techniques and internal control are introduced within the framework of current business practices.

ACCT 202 — Principles of Accounting II (5-0-5)

Managerial Accounting. An analysis of the accumulation and utilization of accounting information for internal management purposes. Major emphasis on performance evaluation and the decision-making process.

Prerequisite: ACCT 201.

ART

ART 111 — Art Structure I (0-10-15)

A study of the visual and spatial relationships between objects of different shapes, textures, and sizes in a two-dimensional plane with an introduction to color.

ART 112 — Art Structure II (0-10-5)

An introduction to oil and water base paints and to the general principles of drawing and painting. Concentration on still life, the figure, and the transition from realism to other types of work.

Prerequisite: ART 111.

ART 113 — Art Structure III (0-10-5)

A study of work in three dimensions in wood, paper, metal, clay, and plastic.

ART 114 — Art Structure IV (0-10-5)

A continuation of work in the three-dimensional area studying the relationship between an object and the space in which it exists. Major emphasis on wood, clay, plaster, and metal.

Prerequisite: ART 113.

ART 211 — Art Appreciation (5-0-5)

A study of the visual arts and the concept of creativity through exposure to painting, sculpture, architecture, and other arts of contemporary and historical times.

ART 213 — Ancient, Medieval, and Renaissance Art (5-0-5)

Introduction to a chronological survey of art forms of the ancient Orient, Crete, Greece, Rome, the Middle Ages, and the Renaissance.

ART 221 — Painting (0-10-5)

A continuation of ART 112, explores further the relationships of objectives in a plane. Concentration on color in oil and water base media.

Prerequisites: ART 112 and ART 114.

ART 222 — Drawing (0-10-5)

A study of the two-dimensional aspects of drawing as an end in itself. Concentration on graphite and other varied media on paper.

Prerequisites: ART 112 and ART 114.

See Page 118 for an explanation of digits following course titles.

ART 223 — Sculpture (0-10-5)

A continuing study of the three-dimensional aspects of objects. Concentration on hard media.

Prerequisites: ART 112 and ART 114.

ART 224 — Ceramics (0-10-5)

A heavy concentration on clay and the possibilities therein. Wheel and hand building.

Prerequisites: ART 112 and ART 114.

AVIATION ADMINISTRATION

(Clayton State College offers a career program in Aviation Administration in cooperation with Georgia State University. This Program leads to the Associate in Science in Aviation Administration Degree granted by Clayton State College. See the Career Program section of this catalog for details regarding the program of study.)

¹AVI 201 — History of Aviation (5-0-5)

An informative, historical survey of the effort of manned flight, the development of aircraft, milestones in aviation, noted pioneers, and the socio-economic impact of flight upon modern civilization.

¹AVI 202 — Aviation Laws and Regulations (5-0-5)

A survey of government laws, regulations, and requirements affecting airline and airport operations. Explanation of CAB and FAA as government operations affecting aviation.

¹AVI 203 — Aviation Safety (5-0-5)

A study of various aspects of safety in an aviation environment to include human factors, aeromedical factors, aircraft design, life support equipment and procedures, post-crash factors, and accident investigations.

¹AVI 204 — Aviation Economics (5-0-5)

Theory and practice in aviation financing. Capital budget preparation and justification of personnel, equipment, and operations.

Prerequisites: ACCT 201 and ECON 201, or consent of instructor.

¹AVI 210 — Aviation Meteorology (5-0-5)

The interpretation of meteorological phenomena affecting aircraft flight. A study of the basic concepts of aviation meteorology; temperature, pressure, moisture, stability, clouds, air masses, fronts, thunderstorms, icing and fog. Analysis and use of weather data for flight planning and safe flying; interpretation of U.S. Weather Service maps, reports, and forecasts.

¹AVI 211 — Elementary Aeronautics (5-0-5)

A study of the fundamentals of flight: aerodynamic forces; properties of the atmosphere; aircraft motion and control; aircraft structures and propulsion; and basic air navigation and traffic control.

¹AVI 212 — Principles of Instrument Flight (5-0-5)

Instrument flight regulation, charts, weather interpretation. Course requirements will allow students to take F.A.A. instrument written exam after completion.

Prerequisite: AVI 211.

¹AVI 220 — Airline Management (5-0-5)

Functions of management in airline operations; organizational structures of airlines; personnel supervision; federal labor regulations and practices; air carrier familiarization; scheduling of resources; effect of Federal regulations; internal control and auditing; industrial, financial, and economic implications.

¹AVI 221 — Passenger Operations (5-0-5)

Principles of passenger services; reservations and ticketing; gate operations; security practices; public relations; liability policies.

¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

See Page 118 for an explanation of digits following course titles.

- ¹AVI 222 — Airline Marketing and Public Relations (5-0-5)
Survey of practices in advertising, sales, public relations and marketing efforts; measurement of marketing effectiveness; public relations programs; relationship to scheduling of services. Operations of travel agencies relative to airline bookings and promotion; principles of tourism.
- ¹AVI 223 — Ground Operations and Air Cargo Handling (5-0-5)
Ground support functions and maintenance for aircraft; operational activities prior to and after flight. Practices and responsibilities in the varied operations centered about the transshipment of air cargo. Includes logistics of air freight and special regulations and laws pertaining to air cargo operation; security practices; handling hazardous cargo; liability policies.
- ¹AVI 230 — Introduction to Air Traffic Control (5-0-5)
Study of F.A.A. Air Traffic Control System, communications and operations procedures, separation rules of air traffic, phraseology, and stripmarking techniques.
Prerequisite: AVI 211.
- ¹AVI 240 — Airport Management and Operations (5-0-5)
Major functions of airport management; organization, zoning, adequacy, financing, revenues, expenses, evaluation and safety. A study of the airport and its socio-economic effect on the community.
- ¹AVI 241 — Aviation Insurance (5-0-5)
The identification of the coverages available against aviation perils: Aircraft operations, specifically aircraft hull and liability; other aviation liability, including airport, hangarkeeper, and products. Discussion enables the student to recognize and appreciate the basic concepts and underwriting techniques peculiar to insuring against aviation perils.
- ¹AVI 250 — Travel and Tourism (5-0-5)
Designed to acquaint the student with tourism and the travel industry. Various factors such as travel modes, the travel agent, why tourists travel, economic and social impacts of tourism as well as tourists destination development will be explored. Guest lecturers from travel-related industries will be utilized.
- ¹AVI 280 — Selected Topics ([1-5]-0-[1-5])
Subjects which may fit the particular needs and interests of students. May be repeated if topics are different. A maximum of ten (10) quarter hours may be applied toward the major.
- ¹AVI 296 — Special Projects (5-0-5)
Study, research, and/or work activity designed to meet the needs and special interests of the student. Discussion and evaluation seminars under the guidance of the chairman of the department. Available to Aviation Administration majors only.
Prerequisite: Consent of department chairman.
- ¹AVI 299 — Readings in Aviation Administration ([1-5]-0-[1-5])
Extensive research in an area not yet studied by the student. The student's research will culminate in a major report. The course is offered on a limited basis and only to those students who either are within two quarters of graduation having a curriculum problem in fulfilling graduation requirements, or those students who have another AVI course cancelled for which AVI 299 may serve as a course substitution.

AVIATION MAINTENANCE TECHNOLOGY

- ¹AVMT 101 — Aircraft Maintenance Regulations (2-3-3)
An introduction to mechanics' privileges and limitations, including certification eligibility, procedure and liability as outlined in the Federal Aviation Regulation (FAR) Part 65. Includes a survey of the various maintenance publications; and the process for establishing and maintaining a maintenance records system which meets FAR 91, FAR 43, and FAR Part I requirements.

¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

See Page 118 for an explanation of digits following course titles.

- ¹AVMT 102 — Aircraft Basic Science (3-3-4)
The theory and application of physics to aerospace vehicles and their subsystems. Topics include origin and transmission of sound; relationship between temperature and heat; relationships of pressure, temperature, and air mass volume; laws of confined gases; Bernoulli's Principle; relationship of air density to temperature and humidity and the effect on aircraft performance. The theory of weight and balance, the weighing process, and the mathematical calculation of net changes.
- ¹AVMT 103 — Aircraft Applied Science (8-7-10)
A study of aircraft servicing methods and ground operations with emphasis on safety. Cleaning, corrosion detection and control; fluid line fabrication and installation; aircraft hardware and materials; and industrial processes applied to aerospace construction materials including non-destructive testing and precision dimensional inspection.
- ¹AVMT 104 — Basic Electricity and Drawing (8-7-10)
A study of the relationships of voltage, current, and resistance in aircraft electrical systems, and the use of meters. Topics include alternators, generators, starters, motors and charging systems. The interpretation of aircraft drawings, blueprints, charts, graphs and wiring diagrams.
- ¹AVMT 105 — Air Transportation Maintenance (5-0-5) (NOT F.A.A. APPROVED)
Contrasts the knowledge and technical competence requirements of mechanics in general aviation with corporate and business aviation and air carrier operations. Extensive discussion of regulatory control of maintenance activities in these three areas.
- ¹AVMT 201 — Sheet Metal (8-7-10)
A study of metal structures of welded tube and riveted sheet monocoque or semi-monocoque. Topics include identification, selection and installation of rivets and other mechanical fasteners in stressed skin construction. The principles of oxy-acetylene welding and inspection; and the repair of honeycomb, laminated and composition materials and thermo-setting plastics.
- ¹AVMT 202 — Airframe Structures (8-7-10)
A survey of the wood structures used in early aircraft and current home-built aircraft. Other topics include fabric covering and various covering finishes, assembly of major components of an aircraft, rigging flight systems and controls, and airworthiness inspection procedures for mechanics.
- ¹AVMT 203 — Utility Systems (8-7-10)
A study of the heating, cooling, ventilation and pressurization of the aircraft interior and the protection of exterior surfaces from ice accumulation. Includes fire detection and extinguishing systems, fuel storage, transfer, distribution and dump systems, and aircraft flight instrument systems.
- ¹AVMT 204 — Fluid Power & Landing Gear Systems (8-7-10)
A study of the principles of generation, distribution and management of hydraulic and pneumatic power throughout the aircraft structure. Includes topics on wheels, tires, brakes, fixed and retractable landing gear systems, and position indicating and warning systems.
- ¹AVMT 205 — Electrical and Navigation Systems (8-7-10)
A study of circuit protection devices, switches and ratings, proof of current requirements, determinations of wire requirements, inverter systems, alternators and AC current and frequency output, aircraft voltage systems, AC generators, transformer-rectifier principles. Other topics include radio transmitter and receiver principles, instrument landing systems, emergency locator transmitters (ELT's) and installation practices and procedures.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

- ¹AVMT 210 — Air Carrier Maintenance Operations (5-0-5) (NOT F.A.A. APPROVED)
Survey of the organizational structure, work scheduling controls and quality assurance programs of air carrier maintenance operations. Specific aircraft models in common use by air carriers and their related maintenance problems will be discussed.
- ¹AVMT 211 — Turbine Engines (8-7-10)
A study of the fundamentals and evolution of the jet engine and jet propulsion. Includes topics on materials used in compressor construction, application of the laws of physics of motion, inlet ducts, combustion chambers, turbine wheels, diffusers, exhaust ducts, reversers and maintenance procedures for organic cleaning compounds, hot section inspections, set engine trimming and instrumentation.
- ¹AVMT 212 — Reciprocating Engines (8-7-10)
Piston engine theory and maintenance including the development of air and water cooled aircraft engines. Other topics include power production, horsepower calculation, timing and valve overlap, displacement and volumetric efficiency. Procedures for total engine overhaul from disassembly to reassembly with new and/or serviceable parts to achieve acceptable overhaul tolerance. Included is the removal and installation of the powerplant, rigging controls, test operation and troubleshooting.
- ¹AVMT 213 — Powerplant Accessory Systems (8-7-10)
Includes lubrication systems and lubricants, propeller systems and operational principles, induction systems, cooling systems, exhaust collection and removal systems.
- ¹AVMT 214 — Powerplant Electrical Systems (8-7-10)
Includes electronic, loop, thermocouple and thermal switch fire detection circuits; fire warning and extinguishing systems; and engine instrumentation. Other topics include magneto and capacitance discharge ignition systems, engine electrical systems, DC generators and powerplant electrical accessories.
- ¹AVMT 215 — Engine Fuel Systems and Fuel Metering (8-7-10)
A study of fuels as chemical mixtures; fuel-air ratios; flame characteristics; ignition requirements; and properties such as volatility, anti-knock value and vapor pressure tendencies. Other topics include the primary units of a basic fuel system, the relationship of fuel metering to mass airflow, carburetion, fuel controls, and factors affecting fuel metering. Fundamentals of powerplant inspection include hundred-hour inspections.

BIOLOGY

- ¹BIOL 102 — Body Structure and Function (5-0-5)
The purpose of this course is to help the student understand the normal structure and function of the body and its individual components.
- BIOL 111 — Principles of Biology (4-3-5)
Scientific method, basic and biological chemistry, structure and function of the cell and cell organelles, cell division, introductory Mendelian and human genetics, plant and animal development.
- BIOL 112 — Principles of Biology (4-3-5)
A continuation of Biology 111 suitable for non-science majors. Plant and animal tissues and organ-systems, ecology, evolution, and special interest topics.
Prerequisite: BIOL 111.
- BIOL 113 — Principles of Biology (4-3-5)
A continuation of Biology 111 or 112 recommended for science and pre-professional majors. Bioenergetic processes, advanced Mendelian and molecular genetics, population genetics, origin of life, and survey of the five kingdoms.
Prerequisite: BIOL 111.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

- BIOL 151, 152 — Human Anatomy and Physiology (4-3-5 each course)
A study of the structure and functions of the systems of the human body most pertinent to students enrolled in programs in the health sciences. Note: These courses do not fulfill the Core Curriculum laboratory science sequence requirement under AREA II.
Prerequisite: High School Biology or BIOL 111.
Prerequisite or Corequisite: CHEM 112 or 121.
Prerequisite to BIOL 152: BIOL 151.
- BIOL 203 — Vertebrate Zoology (3-6-5)
A comparative study of selected vertebrate phyla with emphasis on gross anatomy, microscopic anatomy, and phylogeny.
Prerequisite: BIOL 112 or 113 or consent of instructor.
- BIOL 250 — Microbiology (3-4-5)
A study of the morphology, growth, modes of transmission, and relationship to diseases of pathogenic micro-organisms. This course is only pertinent to students enrolled in programs in the health sciences.
Prerequisite: BIOL 152.

BUSINESS ADMINISTRATION

- BSAD 270 — Legal Environment of Business (5-0-5)
An overview of the legal problems of commercial activity. Offered with the purpose of illustrating the propriety and necessity of local, state, and federal regulations of business. The course is designed to acquaint the student with laws concerning society, the individual, and business.

BUSINESS MANAGEMENT

- ¹BMGT 251 — Principles of Management and Supervision (5-0-5)
A basic introductory course covering management principles in general terms. This includes a study of the responsibilities of the supervisor in industry in regards to organization, supervisory duties, human relations, grievances, training, appraisal, promotion, quality control, and management-employee relations.
- ¹BMGT 261 — Introduction to Finance (5-0-5)
An introductory course in business finance and its relationships to economics, accounting, and law. The course covers capital, capitalization, and financial planning; initial financing, refinancing, working capital, expansions, and internal and external financial relationship of the firm.
Prerequisite: ACCT 201 or consent of the instructor.
- ¹BMGT 271 — Fundamentals of Money and Banking (5-0-5)
A study of the basic principles and concepts of money and credit and their relationships to the economy and impact upon business decisions and economic activity. It includes a study of monetary theory, banking and the Federal Reserve System, financial institutions, monetary and fiscal policies, and money and credit flows.
Prerequisite: ECON 201 or consent of instructor.
- ¹BMGT 281 — Principles of Marketing (5-0-5)
A study of the principles and methods involved in the movement of goods and services from producers to consumers. This includes the marketing functions, the marketing of manufactured goods and raw materials, and proposals for improving the marketing structure.

¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

See Page 118 for an explanation of digits following course titles.

¹BMGT 293 — Income Tax Accounting (5-0-5)

This course deals with the theory of taxation, federal income tax laws applicable to individuals and businesses, and tax planning within the tax laws applicable to individuals and businesses, and tax planning within the tax law provisions.

Prerequisite: ACCT 201 or OADT 250 or consent of instructor.

¹BMGT 294 — Cost Control and Internal Reporting (5-0-5)

Internal accounting procedures as applied to service, merchandising, and manufacturing firms. Emphasis is on the control of costs and reports for management use.

Prerequisite: ACCT 201 or OADT 250.

¹BMGT 295 — Auditing and Specialized Reporting (5-0-5)

Internal control, internal auditing, and external auditing are studied. Some specialized reporting functions of not-for-profit and governmental units are also covered.

Prerequisite: ACCT 201 or OADT 250.

CAREER PLANNING

¹ATCP 100 — Career Planning (2-0-2)

An introduction to the process of choosing a career and an overview of the job search process.

CHEMISTRY

CHEM 111, 112 — General Chemistry (4-2-5 each course)

A two-quarter lecture-laboratory sequence on the basic principles and application of chemistry useful to the non-science major or a student who will take only one or two quarters of chemistry.

CHEM 111 is a prerequisite for CHEM 112.

CHEM 121 — Survey of Chemistry (5-0-5)

A one-quarter non-laboratory introduction to the basic principles of inorganic, organic and biochemistry most pertinent to students enrolled in programs in the health sciences.

Prerequisite: High school chemistry or CHEM 111.

CHEM 151, 152 — Principles of Chemistry (4-3-5 each course)

A study of the fundamental principles of chemistry, including the traditional concepts of general chemistry. A two-quarter lecture-laboratory sequence primarily for science majors who will take additional science courses.

Prerequisite: High school chemistry or consent of instructor.

Prerequisite or corequisite: MATH 111.

CHEM 151 is a prerequisite for CHEM 152.

CHEM 201 — Introduction to Chemical Analysis (3-6-5)

A third-quarter chemistry course for science majors involving the study of equilibria and elementary analytical chemistry. Laboratory involves the qualitative analysis of mixtures by traditional schemes and reaction mechanisms.

Prerequisite: CHEM 152 or consent of instructor.

CHEM 251, 252 — Organic Chemistry (4-3-5 each course)

A study of the common classes of carbon compounds, including their physical and chemical properties, methods of preparations, and reactions utilizing modern theories of electronic structure and reaction mechanisms.

Prerequisite: CHEM 152 or consent of instructor.

¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

See Page 118 for an explanation of digits following course titles.

CITIZENSHIP

¹CITZ 101 — Citizenship (2-0-2)

Instruction in the essentials of United States and Georgia history and Constitutions.

COMMUNICATION

¹COMM 191 — Writing Skills Laboratory I (1-2-1)

A laboratory designed to provide supplemental instruction in writing skills required in English 111 or 112. Where required, to be taken concurrently with English 111 or 112.

¹COMM 192 — Writing Skills Laboratory II (1-2-1)

A laboratory designed to enhance writing skills needed in the disciplines or in other contexts.

Prerequisite: English 112 or consent of the Vice-President for Academic Affairs.

¹COMM 193 — Speaking Skills Laboratory I (1-2-1)

A laboratory designed to provide supplemental instruction in speaking skills required in English 111 or 112. Where required, to be taken concurrently with English 111 or 112.

¹COMM 194 — Speaking Skills Laboratory II (1-2-1)

A laboratory designed to enhance speaking skills needed in the disciplines or in other contexts.

Prerequisite: English 112.

COMPUTER SCIENCE

COMP 201 — Introduction to Computing (4-2-5)

An introduction to computing and computer programming as a problem-solving tool, using the BASIC language.

Prerequisite: A mathematics course numbered 100 or higher.

COMP 210 — Principles of Computer Programming I (4-2-5)

Introduction to data representation and computer system organization; algorithm development using simple data types (integer, boolean, character, real) and control structures (sequence, selection, repetition); further development using procedures, functions, and structured data types (arrays, records, files, sets); introduction to pointer data types. Pascal programming language used to teach these concepts.

Prerequisite: A mathematics course numbered 111 or higher.

COMP 211 — File Processing (4-2-5)

An introduction to information processing emphasizing file processing, utilizing the COBOL language.

Prerequisite: COMP 210 or consent of instructor.

COMP 220 — Principles of Computer Programming II (4-2-5)

Continuation of the study of programming style, expression and documentation using Pascal programming language. An introduction to data structures and the syntax of Pascal language features such as pointers and dynamic memory allocation.

Prerequisite: COMP 210.

CRIMINAL JUSTICE

CJUS 201 — Introduction to Criminal Justice (5-0-5)

A survey of criminal justice agencies on the local, state, and federal levels and an overview of the administration of justice in the United States.

CJUS 202 — Criminology (5-0-5)

A survey of the scope of crime, its causation, society's reaction to criminals, correctional treatment, and post-release problems.

DATA PROCESSING

¹ATDP 101 — Introduction to Data Processing with BASIC (4-3-5)

The student receives an overview of electronic data processing. Instruction covers data processing systems, terminology, equipment, applications, functions of data processing hardware, flow charts, data system concepts, fundamentals of computer programming and programming languages.

¹Courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

- ¹ATDP 102 — BASIC With Applications (2-3-3)
An introduction to the BASIC (Beginner's All-Purpose Symbolic Instruction Code) programming language for students majoring in data processing, computer science, secretarial, clerical, management, industrial and technical areas. Mathematical and business oriented problems are solved using a computer.
Prerequisite: ATDP 101.
- ¹ATDP 203 — RPG Programming (2-3-3)
The course will assist the student to develop knowledge of RPG II (Report Program Generator) on a step-by-step basis. Instruction includes planning, coding, handling tables, using arrays, and processing of files.
Prerequisite: ATDP 101.
- ¹ATDP 204 — COBOL Programming I (4-3-5)
This course is an introduction to COBOL (Common Business Oriented Language). It permits a programmer to instruct computers in English. The rules and language are taught and various business problems are solved on the computer.
Prerequisite: ATDP 101.
- ¹ATDP 206 — Systems Analysis and Design (4-3-5)
The student will study the fundamentals of systems design and development. Practical applications are stressed. A system is developed through its evolution of (1) analysis of present information flow, (2) system specifications and equipment requirements, and (3) implementation of the system.
Prerequisites: ATDP 101, ATDP 204, ATDP 210.
- ¹ATDP 207 — COBOL Programming II (4-3-5)
A continuation of ATDP 204, COBOL Programming I. This course introduces more advanced COBOL features. These advanced features are taught through the technique of applying them to solve typical business problems.
Prerequisites: ATDP 101, ATDP 204.
- ¹ATDP 208 — Systems Software (5-0-5)
Offers a practical view of systems software. The student is exposed to computer operating systems concepts, job control language, telecommunication distributed processing, and database management systems. Interaction of various software with the hardware to provide systems functions and support in the program development environment is covered. Concepts are examined from systems commonly used in industry.
Prerequisites: ATDP 101, ATDP 204.
- ¹ATDP 209 — FORTRAN Programming (4-3-5)
A beginning course in the FORTRAN IV language, developing knowledge to code and debug programs of a beginning and midrange level. Programming problems will have application to business and scientific problems.
Prerequisite: ATDP 101.
- ¹ATDP 210 — Data Structures (4-3-5)
Introduces students to data structures. Emphasis is on understanding and manipulation of standard data structures and application of these structures in file organization, access methods and data base design. COBOL is used as the primary programming language and BASIC as a supplement for illustration and laboratory work.
Prerequisites: ATDP 101, ATDP 102, or ATDP 207, or ATDP 209.
- ¹ATDP 222 — Occupational Internship (1-15-5)
Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.
Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹*Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.*

See Page 118 for an explanation of digits following course titles.

- ¹ATDP 233 — Selected Topics and Problems (1-12-5)
A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.
Prerequisites: Vocational-Technical major and permission of vocational program advisor.

DENTAL HYGIENE

- ²DHYG 101 — Embryology, Oral Histology, and Dental Morphology (3-2-5)
A developmental study of the oral cavity covering the embryonic growth and development of the oral cavity; histology of the teeth, the calcification, eruption, morphology, and function of the human dentition and supporting structures. Emphasis is given throughout to those areas of particular interest to the dental hygienist.
- ²DHYG 102 — Head and Neck Anatomy (3-0-3)
Study of the head and neck anatomy with emphasis on applications to dental hygiene practice.
Prerequisite: BIOL 151.
- ²DHYG 103 — Orientation to Dental Hygiene (1-0-1)
An introductory orientation to the profession of dental hygiene including ethics, jurisprudence, and an introduction to clinical practice.
- ²DHYG 104 — Pre-Clinical Dental Hygiene (2-6-4)
A comprehensive study of soft deposits, stains, and dental calculus with emphasis on oral prophylaxis procedures, sterilization, and other fundamental skills associated with dental hygiene practice. Laboratory sessions will be utilized for orientation to the instruments, equipment, and materials used, including medical and dental emergencies, and for practice in performing these procedures.
Prerequisite: DHYG 103.
- ²DHYG 105 — Clinical Dental Hygiene I (2-6-4)
Students continue with the development of oral prophylaxis techniques, the care and maintenance of dental instruments, equipment and supplies; and dental records, including oral evaluation indices. Methods and materials used in individual patient education will be introduced. Clinical practice will emphasize the development of skills in the performance of dental prophylaxis, application of preventive agents, and oral examination as an introduction to treatment planning.
Prerequisite: DHYG 104.
- ²DHYG 106 — General Pathology, Oral Pathology, and Oral Medicine (3-0-3)
The principles of general pathology in relationship to the diseases of the teeth, soft tissues, and supporting structures of the oral cavity. The importance of early recognition of abnormal conditions in the mouth by the hygienist is emphasized.
Prerequisite: BIOL 152.
- ²DHYG 107 — Periodontics (3-0-3)
Etiology and classification of periodontal disease and principles of periodontics pertinent to dental hygiene practice.
Prerequisite: BIOL 250.
- ²DHYG 108 — Dental Materials (2-3-3)
A series of lectures and demonstrations designed to acquaint the student with dental materials commonly used in the dental office and laboratory. Laboratory time will be used to practice the manipulation of selected materials.
- ²DHYG 110 — Fundamentals of Nutrition (5-0-5)
A survey of the fundamentals of nutrition and the factors influencing the ability of the individual and family to secure and maintain optimal nutritional status. The relationships of nutrition to the practice of dental hygiene are emphasized.

¹*Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.*

²*Career courses which may not fulfill requirements for the baccalaureate degree in dental hygiene offered by the Medical College of Georgia. Students should consult with the Director of the Department of Dental Hygiene at the Medical College of Georgia.*

See Page 118 for an explanation of digits following course titles.

²DHYG 201 — Pharmacology and Anesthesiology (3-0-3)

The study of drugs with special consideration given to those used in the dental office. The study is to acquaint the student with the origin of these drugs, their physical and chemical properties, modes of administration, and effects upon the body systems.

²DHYG 202 — Clinical Dental Hygiene II (2-15-7)

Study of the theory and principles of exposing, processing, and mounting dental radiographs. Clinical experience will include dental prophylaxis, dental radiography, and dental hygiene treatment planning coordinated with chairside dental health instruction. Radiation hygiene is emphasized. Prerequisite: DHYG 105.

²DHYG 203 — Clinical Dental Hygiene III (2-15-7)

A continuation of DHYG 104, 105, 202. Lecture time will cover laws governing dental hygiene practice, office procedures, areas of employment, advanced dental hygiene techniques, and an overview of the various specialties in dentistry. Clinical experience in applied dental hygiene will be continued with observations and assisting experience in the dental specialties. Prerequisite: DHYG 202.

²DHYG 204 — Clinical Dental Hygiene IV (2-15-7)

A continuation of DHYG 104, 105, 202, 203. Seminar for discussion and evaluation of situations encountered in the clinical laboratory, the management of patients with special problems, additional advanced procedures and review. Clinical experience will center on improved proficiency in all areas of applied dental hygiene, dental radiography, and treatment planning for total care. Prerequisite: DHYG 203.

²DHYG 205 — Dental Health Education (3-0-3)

A study of content essential to familiarize the student with the methods and materials used in dental health education. Each student will be required to design a table clinic, lesson plans, and appropriate visual aids to be used in dental health education for school children, adult groups, and office patients.

²DHYG 211 — Community Dental Health I (1-3-2)

The study of dental health as a community problem with emphasis on the theory and practice of dental public health and preventive dentistry and the role of the dental hygienist in promoting dental health on community, state, and national levels. Prerequisite: PHED 101.

²DHYG 212 — Community Dental Health II (1-6-3)

A continuation of DHYG 211. Further study of the theory and practice of dental public health and preventive dentistry; employs directed field experience using current methods related to community dental health problems. Prerequisite: DHYG 211.

²Career courses which may not fulfill requirements for the baccalaureate degree in dental hygiene offered by the Medical College of Georgia. Students should consult with the Director of the Department of Dental Hygiene at the Medical College of Georgia.

See Page 118 for an explanation of digits following course titles.

DRAFTING AND DESIGN TECHNOLOGY

¹ATDD 101 — Engineering Drawing I (2-8-5)

Course includes introduction to drafting equipment, materials, basic use of instruments, freehand lettering, geometric construction, orthographic projection, auxiliary views, sections, and conventions, fasteners, dimensioning, and reproduction of drawings.

¹ATDD 102 — Technical Illustrations (2-8-5)

This course deals primarily with translation of orthographic drawings into three dimensional, pictorial representations. Topics include axonometric drawings; perspectives; illustration techniques in shading; rendering; airbrush applications; and freehand sketching. Prerequisite: ATDD 101.

¹ATDD 110 — Descriptive Geometry (2-8-5)

Course includes graphic analysis of problems involving point, line, and plane relationships. Instruction is also provided in successive auxiliary view, revolution, piercing points, surface development and intersections. Prerequisite: ATDD 101.

¹ATDD 115 — Precision Sheet Metal Drawing (1-6-3)

This course deals with layouts and developments of various shapes commonly used in sheet metal. Such topics as bend radii, set-back charts and precision dimensioning are discussed. Prerequisites: ATDD 101, ATDD 110, or permission of instructor.

¹ATDD 201 — Computer Aided Drafting (2-8-5)

Computer applications in engineering drafting and design problems. Includes basic and numerical control programming and use of plotter subroutines. Prerequisites: ATDP 101, ATDD 101. Corequisites: ATDD 102 and consent of instructor.

DRAFTING AND DESIGN TECHNOLOGY — ARCHITECTURAL

¹ATAD 201 — Architectural Drafting I (2-8-5)

Fundamentals of architectural drafting including reading blueprints; interpreting symbols and terminology; building materials; plot plans; floor plans; elevations; detail in frame and masonry construction; building codes; and site locations. Each student prepares a complete set of working drawings for a residential project. Prerequisites: ATDD 101 and ATDD 110.

¹ATAD 202 — Architectural Drafting II (2-8-5)

The second course in Architectural Drafting with emphasis on structural steel and reinforced concrete construction in commercial and industrial applications. Each student prepares a detailed set of working drawings for a commercial building. Prerequisite: ATAD 201.

¹ATAD 203 — Surveying (2-8-5)

This course is designed to familiarize the student with surveying terminology; methods and equipment used to make basic surveying measurements; contours and elevations. Proper use of transit, level, tape and other instruments used in surveying is emphasized. Prerequisite: MATH 111 or 112.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹ATAD 204 — Construction Estimating (3-0-3)

Introduction to construction estimating using complete plans and specifications to develop material quantities and cost, and familiarization with appropriate tables and guide lists used by estimators.

¹ATAD 215 — Architectural Rendering (1-9-5)

A study of various techniques used to produce architectural presentation drawings. Perspective drawings of buildings rendered in pencil, ink, and/or color will be completed.

Prerequisites: ATDD 102, ATAD 202.

¹ATAD 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.

Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹ATAD 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.

Prerequisites: Vocational-Technical major and permission of vocational program advisor.

DRAFTING AND DESIGN TECHNOLOGY — MECHANICAL

¹ATMD 201 — Mechanical Design I (2-8-5)

Advanced orthographic projection design layout; detailing finishes; shop assemblies; pipe and pipe layout simulating industrial drafting conditions.

Prerequisite: ATDD 101.

¹ATMD 203 — Materials and Processes of Industry (5-0-5)

Introduction to manufacturing procedures in industry. Topics include material properties, material classification, machining operations, heat treating, testing, casting and other molding processes.

¹ATMD 204 — Blueprint Reading (3-0-3)

Comprehensive study in interpretation of working drawings, including nomenclature and specifications; determination of material quantity and cost.

¹ATMD 210 — Mechanical Design II (3-6-5)

Design of systems utilizing engineering tables and preparation of working drawings for their construction. Topics include tolerancing, computation of fits, power transmission appliances, coefficients of expansion, stress strain diagrams and cam design.

¹ATMD 215 — Presentation Drawings (1-9-5)

A study of various methods and techniques used for producing illustrations. Such topics as dimetrics, trimetrics, exploded views and highlighting will be examined.

Prerequisites: ATDD 102, ATMD 210.

¹ATMD 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.

Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹ATMD 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.

Prerequisites: Vocational-Technical major and permission of vocational program advisor.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

DRAMA

DRMA 188 — Introduction to Acting (2-3-3)

An introduction to basic acting techniques. Includes an exercise regimen as well as skill development in stage combat, mime, voice production, and role preparation.

DRMA 191 — Drama Workshop (0-3-1)

A course whereby students may receive credit for work on quarterly drama productions. May be repeated for credit. A maximum of six quarter credit hours may be applied toward graduation.

DRMA 211 — Appreciation of the Dramatic Arts (5-0-5)

A study of the dramatic arts from the perspective of performance as an integral part of cultures, past and present. Through the study of live, televised, and film dramatic presentations, students will learn to appreciate the dramatic arts as they appear in their culture.

ECONOMICS

ECON 110 — Consumer Economics (5-0-5)

The study of all phases of personal finance from taxes to consumer protection. Other areas to be studied will include home buying, interest, insurance, investments, retirement, and estate planning.

ECON 201 — Principles of Economics I (5-0-5)

An introductory survey of macroeconomic principles: the scope and method of economics; basic supply and demand theory; money and prices; national income analysis; and economic stabilization.

ECON 202 — Principles of Economics II (5-0-5)

Application of microeconomic principles to economic problems: the theory of production; market structures; income distribution; government regulation and business; labor organization; and international trade.

EDUCATION

EDUC 201 — Introduction to Education (4-2-5)

A survey of the development and nature of American education and the teaching profession. Observation experience in schools required.

ELECTRONICS TECHNOLOGY

¹A TEL 101 — DC Circuit Analysis (4-3-5)

An introductory course in electronics promoting interests through applications of DC circuits. The student is exposed to state-of-the-art lab equipment and various techniques such as soldering and circuit construction. The student will assemble resistive circuits and analyze parameters using Ohm's Law, Kirchoff's Law, Thevenin's and Norton's Theorems.

Prerequisite: MATH 107 or MATH 111 or concurrently.

¹A TEL 102 — Electronic/Electrical Drawing (1-6-3)

This course introduces the student to electronic drafting. The student will investigate and make applications of the drafting techniques used in electronic drafting. The course provides students with the basic concepts and skills in using drafting equipment, mechanical drawings, technical lettering, electronic graphic symbols, block diagrams and schematic diagrams.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹ATEL 103 — AC Circuit Analysis (4-3-5)

A study of the fundamentals of AC circuits introducing capacitors, inductors and magnetic circuits in combination with resistance. The student will use vector analysis as the basis for understanding RC, RL and RCL circuits.

Prerequisites: ATEL 101, MATH 107 or MATH 111 or concurrently.

¹ATEL 104 — Active Devices and Applications (4-3-5)

A study of Electronic Devices such as diodes, transistors, FETS, thyristors and related devices. Applications, circuits configurations and failure analysis techniques are explored.

Prerequisites: ATEL 103 and MATH 107 or MATH 111 or concurrently.

¹ATEL 106 — Linear Devices and Applications (4-3-5)

A study of linear devices, amplifiers, power supplies, regulation, active filters, OP-AMPS, digital interface, and linear — integrated circuitry.

Prerequisites: ATEL 104 and ATEL 107.

¹ATEL 107 — Introduction to Digital Circuits (4-3-5)

This is a basic course in digital-logic circuits. The course emphasizes logic gates in combination to general, more complex circuits that are found in digital computers. Also included is an introduction to microprocessing with emphasis on large scale integration.

Prerequisites: ATEL 103 and MATH 107 or MATH 111 or concurrently.

¹ATEL 108 — Microprocessors (3-6-5)

The fundamental concepts of microprocessors and their applications. Included will be an introduction to software development, memory components, circuit organization, and the basics of interfacing with external devices.

Prerequisites: ATEL 104 and ATEL 107 or concurrently.

¹ATEL 110 — Electronic Troubleshooting and Fabrication Techniques (1-6-3)

A course stressing the practical application of electronic theory to failure analysis of electronic devices, circuits and systems; specialized soldering techniques; printed circuitry; test equipment selection and application and tool usage.

Prerequisites: ATEL 106 and ATEL 108.

¹ATEL 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.

Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹ATEL 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.

Prerequisites: Vocational-Technical major and permission of vocational program advisor.

ELECTRONICS TECHNOLOGY — AVIONICS

¹ATAV 210 — Aircraft Systems (5-0-5)

An introductory course in avionics focusing on modern aircraft systems such as structures, power plants, fuel systems, hydraulics/pneumatics, and electrical systems. Avionic systems include flight director and autopilot operation. Applicable government regulations and safety procedures will be addressed.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹ATAV 220 — Navigation Systems (4-3-5)

A study of the operation and maintenance of various navigation systems including ADF, VOR, Localizer, Glide Slope, Area NAV, Loran C, and VLF. Testing, calibration, and troubleshooting will be emphasized.

Prerequisites: ATEL 110 and ATTC 210.

¹ATAV 230 — Air-to-Ground and Related Systems (4-3-5)

A study of the operation and maintenance of DME, transponders, and altitude encoding systems. Testing calibration and troubleshooting using manual and automated test equipment will be emphasized.

Prerequisites: ATEL 110 and ATTC 210.

¹ATAV 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.

Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹ATAV 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.

Prerequisites: Vocational-Technical major and permission of vocational program advisor.

ELECTRONICS TECHNOLOGY — COMPUTER SERVICE

¹ATCO 208 — Advanced Microprocessor Interfacing (4-3-5)

A study of the fundamental theory of operation of the hardware components in a computer system. Included is a study of the processor and its associated memory and input/output interfacing components. Emphasis will be on the functional aspects and interrelationship of these devices.

Prerequisite: ATEL 108.

¹ATCO 221 — Introduction to Computers (4-3-5)

An introduction for electronic majors to the hardware and software systems of a computer, including a history of data processing systems, terminology applications, and equipment.

Prerequisite: ATEL 101.

¹ATCO 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.

Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹ATCO 224 — Computer Peripheral Devices (4-3-5)

A study of the fundamental theory of operation of the peripheral devices found in a typical computer system. Emphasis will be on the functional characteristics of each device and its corresponding relationship to the system as a whole.

Prerequisites: ATEL 108, ATCO 221.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹ATCO 225 — Operating Systems Concepts (4-3-5)

A study of the principles and concepts of current systems software technology. The course emphasizes the relationships between hardware and software and their effects on each other. The fundamental features of various programming languages are introduced with special emphasis on BASIC (Beginners All-Purpose Symbolic Instruction Code).
Prerequisites: ATCO 108, ATCO 221.

¹ATCO 226 — Data Communications (4-3-5)

A study of data communications and terminology. Special emphasis is placed on networking, protocols, and modems.
Prerequisite: ATEL 108.

¹ATCO 228 — Troubleshooting Techniques and Customer Relations (3-6-5)

Students will develop, utilize, and document the processes involved in defining symptoms, problems, and solutions. Troubleshooting techniques will stress modular replacement and will include methods to define problems to the Optimum Replacement Unit (ORU). Special emphasis will be placed on the art of good customer relations in the business environment.
Prerequisite: ATCO 208, ATCO 224.

¹ATCO 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.
Prerequisites: Vocational-Technical major and permission of vocational program advisor.

ELECTRONICS TECHNOLOGY — ELECTRICAL POWER

¹Atep 101 — Residential Wiring (4-3-5)

An introductory course in common electrical wiring techniques found in single-family dwellings. Special emphasis is given to minimum standards as prescribed by the National Electrical Code, local codes and ordinances, and national testing agencies. Students will interpret working drawings and design appropriate wiring diagrams.

¹Atep 102 — National Electrical Code (5-0-5)

The requirements for a safe installation provided by the National Electrical Code will be the basis for this course. The student will develop a thorough familiarization with the National Electrical Code as each chapter is dealt with in detail and correlated to pertinent sections in all chapters.
Prerequisites: ATEL 101 and ATEP 101.

¹Atep 103 — Industrial Wiring (4-3-5)

This course provides an examination of the wiring techniques used in a modern industrial setting. Topics covered will include distribution panels, switch panels, sub-panels, motor circuits, non-interruptible power and lighting circuits.
Prerequisites: ATEL 103 and ATEP 102.

¹Atep 201 — Power Distribution (5-0-5)

This course provides a study of the principles and procedures for the efficient installation of residential and single and polyphase commercial and industrial power distribution systems. Particular attention will be given to sizing conduit, feeder and junction boxes, grounding systems, over current protection, loading, transformers and distribution networks.
Prerequisites: ATEP 103 and MATH 107.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

ELECTRONICS TECHNOLOGY — ELECTROMECHANICAL

¹ATEM 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.
Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹ATEM 231 — Industrial Electronics (4-3-5)

A study of power electronic devices and their circuit application in the industrial environment. Major emphasis is placed on the control of manufacturing equipment through electronic devices and circuitry.
Prerequisite: ATEL 106 or permission of instructor.

¹ATEM 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.
Prerequisites: Vocational-Technical major and permission of vocational program advisor.

¹ATEM 235 — Mechanics (4-3-5)

A study of the principles and application of force and motion; work energy and power; basic machines and function; as well as circular motion and rotational dynamics.

¹ATEM 237 — Hydraulics/Pneumatics (4-3-5)

A study of the basic concepts of liquids and gases under pressure, their reactions to temperatures and changes in flow, force strain, movement and control devices.
Prerequisite: ATEL 106 or permission of instructor.

¹ATEM 239 — Robotics (4-3-5)

An introduction to robotics technology, including fundamentals of robotics, AC and fluidic power, DC power and positioning, microprocessor control and robot programming, data acquisition sensors, data handling and conversion, voice synthesis, interfacing, and the robot in industry.
Prerequisites: ATEL 106 and ATEL 108, or consent of instructor.

¹ATEM 251 — Rotating Machines and Controls (4-3-5)

An introduction to the various types of DC and AC motors and generators commonly used in business and industry. Basic motor and electronic control concepts are studied and clarified through laboratory activities. An analysis of three-phase power and appropriate applications are explored.
Prerequisite: ATEL 106 or permission of instructor.

ELECTRONICS TECHNOLOGY — INSTRUMENTATION

¹ATIT 111 — Introduction to Instrumentation Technology (4-3-5)

An introduction to and overview of the field of instrumentation technology, including basic physics and electronics for instrumentation, transducer fundamentals, overview of process/industrial, analytical/scientific, and biomedical instrumentation, optoelectronics, robotics, remote sensing, computer/microprocessor fundamentals, and opportunities in the instrumentation field. Designed for those interested in instrumentation as a career field, as well as individuals in related science or technology programs.

¹ATIT 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.
Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹ATIT 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.

Prerequisites: Vocational-Technical major and permission of vocational program advisor.

¹ATIT 251 — Analytical/Scientific Instrumentation (4-3-5)

A comprehensive introduction to the field of analytical and scientific instrumentation, including pH, conductivity and specific-ion sensors, manometers, meteorological instrumentation, thermal analyzers, thermal infrared systems, spectrophotometers, gas and liquid chromatographs, ultrasonic systems, photographic systems, nuclear radiation sensors, telemetry, computer applications, and others. Prerequisite: ATIT 111 or ATEL 103 or consent of instructor.

¹ATIT 260 — Biomedical Instrumentation (4-3-5)

A comprehensive introduction to the field of biomedical instrumentation including transducers, electrodes, sources of bioelectric potentials, cardiovascular measurements, patient care and monitoring systems, noninvasive diagnostic instrumentation, biotelemetry, instrumentation for sensory measurements, clinical laboratory instrumentation, x-ray and radioisotope instrumentation, and the computer in biomedical instrumentation.

Prerequisite: ATIT 111 or ATEL 103 or consent of instructor.

¹ATIT 272 — Process/Industrial Instrumentation (4-3-5)

A comprehensive introduction to the field of process measurement and industrial control, including automatic and feedback process control, hydraulic, pneumatic and electronic control systems, motors, generators and motor controls, actuators and valves, control loop adjustment and analysis, programmable controllers, combination control systems, and process computers and simulation. Emphasis is placed on the monitoring and control of such important process variables as pressure, temperature, humidity, flow, level, density, and analytical parameters.

Prerequisite: ATIT 111 or ATEL 103 or consent of instructor.

¹ATIT 278 — Computer/Microprocessor Applications (4-3-5)

Applications of the computer and microprocessor to instrumentation technology. Emphasis will be placed on interfacing techniques and control applications. Basic programming techniques in BASIC, machine language, and assembly language will be covered.

Prerequisite: ATEL 108 or consent of instructor.

¹ATIT 288 — Design of Electronic Circuits and Systems (1-6-3)

Design of electronic circuits and systems of particular importance to the instrumentation field. Will include the design, practical prototype construction, test and measurement, and troubleshooting of circuits/systems as SCR circuits, FET amplifiers, differential amplifiers, constant current sources, monostable multivibrators, op amp circuits, ADC or DAC converter circuitry, phase locked loop circuits, and others. Each student will emphasize circuitry and systems in his/her area of specialization. Prerequisite: ATIT 278 or consent of instructor.

¹ATIT 291 — Instrumentation Design Project (1-6-3)

The student will undertake conceptual design, design calculations, preparation of plans and specifications, prototype construction, alignment, calibration and troubleshooting, and final construction of an instrumentation device or system within his or her area of specialization.

Prerequisite: ATIT 288 or consent of instructor.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

ELECTRONICS TECHNOLOGY — TELECOMMUNICATIONS

¹ATTC 210 — Receivers and Transmitters (4-3-5)

A study of the fundamental principles of communications receivers and transmitters in the AM, FM, and SSB modes. RF circuits, IF circuits, modulation, demodulation, detection, and power amplifiers will be covered from a block diagram approach.

Prerequisite: ATEL 110.

¹ATTC 212 — Specialized Communication Systems and Techniques (4-3-5)

An introduction to basic radar circuits and systems, microwave devices, interference, waveguides, weather systems in color and monochrome, specialized communication systems and antenna systems and propagation.

Prerequisite: ATEL 110.

¹ATTC 215 — Telephone Systems (4-3-5)

A study of modern telephone switchgear and control devices. Topics covered will include PBX systems, signaling, WATS, and network management.

Prerequisite: ATEL 110.

¹ATTC 220 — FCC Rules and Regulations (5-0-5)

A study of the requirements to obtain an FCC General Radiotelephone License. Special attention will be given to the electronic calculations, circuit recognition, and troubleshooting skills required to obtain a general radiotelephone license.

Prerequisite: ATEL 110.

¹ATTC 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program. Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.

¹ATTC 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.

Prerequisites: Vocational-Technical major and permission of vocational program advisor.

ENGLISH

ENGL 099 — Developmental English (5-0-5)

See Page 160.

¹ENGL 103 — Technical Writing (5-0-5)

A course designed to develop writing proficiency in technical fields. Emphasis on collecting, organizing, presenting and analyzing materials applicable to various specialized areas.

ENGL 111 — Communication: The Uses of Language I (5-0-5)

A course in college-level writing and speaking which emphasizes the development of general communication skills through a variety of communication tasks. Readings to assist in the development of these skills will be selected from a variety of subjects. (For supplemental laboratory instruction which may be required concurrently, see COMM 191 and 193.)

Prerequisite: Successful writing entry assessment.

ENGL 112 — Communication: The Uses of Language II (5-0-5)

A continuation of the study and practice of writing and speaking skills which are important in a variety of settings and communication tasks. Readings will be selected from a variety of subjects, primarily in the humanities, including but not limited to literature. (For supplemental laboratory instruction which may be required concurrently, see COMM 191 and 193.)

Prerequisite: ENGL 111. (For students who took English 111 prior to Fall Quarter, 1985, or at another institution, the English 111 exit assessment may be required.)

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

ENGL 201 — Survey of World Literature I (5-0-5)
A survey of World Literature from Homer through the Renaissance.
Prerequisite: ENGL 112.

ENGL 202 — Survey of World Literature II (5-0-5)
A survey of World Literature from the Renaissance to the present.
Prerequisite: ENGL 112.

ENGL 211 — Survey of English Literature I (5-0-5)
A survey of English Literature from Beowulf to about 1800.
Prerequisite: ENGL 112.

ENGL 212 — Survey of English Literature II (5-0-5)
A survey of English Literature from about 1800 to the present.
Prerequisite: ENGL 112.

ENGL 221 — Survey of American Literature I (5-0-5)
A survey of American Literature from the colonial period to the Civil War.
Prerequisite: ENGL 112.

ENGL 222 — Survey of American Literature II (5-0-5)
A survey of American Literature from the Civil War to the present.
Prerequisite: ENGL 112.

FRENCH

FREN 111, 112 — Elementary French I and II (5-1-5 each course)
Introduction to speaking, reading, and writing French; includes an introduction to French culture.

FREN 211 — Intermediate French (5-1-5)
Grammar review, reading and translation, composition and conversation, outside readings.
Prerequisite: FREN 112.

FREN 212 — Intermediate French (5-1-5)
Reading and translation, composition and conversation, outside readings.
Prerequisite: FREN 211.

FREN 295, 296, 297 — Studies Abroad (5-0-5 each)
See Page 159.

HISTORY

HIST 111 — Western Civilization I (5-0-5)
An inquiry into selected areas of the political, social, and cultural development of western civilization from the earliest times to 1715.

HIST 112 — Western Civilization II (5-0-5)
An inquiry into selected areas of the political, social, and cultural development of western civilization from 1715 to the present.

See Page 118 for an explanation of digits following course titles.

HIST 251 — American Civilization I (5-0-5)
An inquiry into selected areas of the social, intellectual, political, and cultural growth of the United States through the Civil War. (Satisfies the legislative requirement for the study of U.S. and Georgia history.)

HIST 252 — American Civilization II (5-0-5)
An inquiry into selected areas of the social, intellectual, political, and cultural growth of the United States since the Civil War. (Satisfies the legislative requirement for the study of U.S. and Georgia history.)

INTERDISCIPLINARY STUDIES

IDST 101 — Selected Topics
An inquiry into selected topics that synthesize uniform themes which may be traced through disciplines found in the humanities, natural sciences and mathematics, and social sciences. The emphasis of the course varies with the topics studied.
Note: Credit hours may vary and are accumulative to five hours. Selection for credit in any of the areas of the Core must be made at the time of registration for the course.

JOURNALISM

JOUR 100 — Journalism Laboratory (1-2-1)
Basic principles of newspaper or literary journal publication. A conference and workshop course for student newspaper or literary journal staff members. May be repeated for credit, not to exceed six quarter hours.

JOUR 101 — Mass Communications Practicum (1-2-1)
Supervised practical experience with the College video system. May be repeated for credit, not to exceed six quarter credit hours.

MANAGEMENT AND SUPERVISION

¹ATMS 110 — Supervisory Management (5-0-5)
Problems of production management. Plant layout, site selection, provision for effective selection and arrangement of facilities for maximum production efficiency and safety.

¹ATMS 120 — Plant Operation and Maintenance Management (5-0-5)
Problems relating to building and plant maintenance. Areas studied include: maintenance management, organizational problems, and mechanical maintenance and their relationships to the overall management of the institution.

¹ATMS 130 — Work Design and Measurement (5-0-5)
Design methods and work measurement in business and industry. Techniques of developing time standards, time study, work sampling and simplification, and the effect of automation on production.
Prerequisite: ATMS 110.

¹ATMS 140 — Quality Control (5-0-5)
The application of specified standards to industrial production. Areas of study include frequency distributions, variable and attribute control charts, acceptance sampling techniques, and inspection management.
Prerequisite: ATMS 110.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

- ¹ATMS 150 — Labor Relations (5-0-5)
Theories of the labor movement, union-management relationships, contract negotiations, contract administration and the roles of the first-line supervisor.
- ¹ATMS 165 — Performance and Evaluation Techniques (5-0-5)
Through the use of a series of instructional modules, the student receives hands-on experience in the areas of improving, maintaining, and evaluating employee performance. Also, the student will learn how to discuss performance with an employee and when necessary, discuss termination of employment.
- ¹ATMS 170 — Leadership Skills (5-0-5)
Through the use of a series of instructional modules, the student receives hands-on experience in the areas of orienting new employees, conducting effective meetings, delegating responsibility, gaining acceptance as a supervisor, handling complaints, and taking corrective action.
- ¹ATMS 180 — Supervision In The Workforce (5-0-5)
Through the use of a series of instructional modules, the student receives hands-on experience in the areas of implementing positive change, improving work attendance, reducing tardiness, dealing with grievances, discrimination, and emotional situations.
- ¹ATMS 222 — Occupational Internship (1-15-5)
Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program. Prerequisites: Employment, Vocational-Technical major, and permission of vocational program advisor.
- ¹ATMS 233 — Selected Topics and Problems (1-12-5)
A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours. Prerequisites: Vocational-Technical major and permission of vocational program advisor.

MARKETING/MANAGEMENT TECHNOLOGY

- ¹ATMK 110 — The Nature and Environment of Business (5-0-5)
Emphasizes the traditional facets of business (its environment, organization, and basic business functions) as well as the social and physical climate in which business and industry operate.
- ¹ATMK 120 — Creative Selling (5-0-5)
A study of selling as a career, sales psychology, sales techniques, product analysis, product information and customer service.
- ¹ATMK 130 — Principles of Retailing (5-0-5)
A study of retail merchandising and operation. The course includes the physical distribution of merchandise, buying procedures, pricing policies, store location, layout, retail advertising and credit.
- ¹ATMK 140 — Principles of Advertising (5-0-5)
Advertising purposes and procedures, covering primarily the point of view of the advertising manager. Study of proper aspects, copy preparation, layout and media.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

- ¹ATMK 222 — Occupational Internship (1-15-5)
Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program. Prerequisites: Employment, Vocational-Technical major and permission of vocational program advisor.
- ¹ATMK 233 — Selected Topics and Problems (1-12-5)
A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours. Prerequisites: Vocational-Technical major and permission of vocational program advisor.
- ¹ATMK 240 — Introduction to the Hospitality Industry (4-0-4)
A study of the growth and development of the lodging industry from early inns to modern high-rise and commercial hotels and highway motels. A review of the organization of hotel operations and the opportunities and future trends in the industry is also covered. Prerequisite: Permission of vocational program advisor.
- ¹ATMK 241 — Food and Beverage Management and Service (4-0-4)
A study of the principles of food production and service management, sanitation, menu planning, purchasing, storage, and beverage management. Prerequisite: Permission of vocational program advisor.
- ¹ATMK 242 — Human Relations in the Hospitality Industry (4-0-4)
A study of the preparation required for the transition from employee to supervisor, including how to handle difficult employees, implement motivational techniques, and conduct performance evaluations. Prerequisite: Permission of vocational program advisor.
- ¹ATMK 243 — Communications in the Hospitality Industry (4-0-4)
A study of the development and implementation of communication skills and group interaction techniques involved in basic interpersonal relationships in the hospitality industry. Prerequisite: Permission of vocational program advisor.
- ¹ATMK 244 — Training in the Hospitality Industry (4-0-4)
A study of the assessment and analysis of training needs, the systematic design of instruction, the evaluation of training programs, and management of the training function. Prerequisite: Permission of vocational program advisor.
- ¹ATMK 245 — Convention Management and Service (4-0-4)
A study of the scope and various segments of the convention market, what is required to meet individual needs and, most importantly, identifies methods and techniques that should lead to better service. Prerequisite: Permission of vocational program advisor.
- ¹ATMK 246 — Front Office Procedures (4-0-4)
A study of the activities and functions performed in today's lodging operations. Offers a comparison of manual, machine assisted, and computer based methods for each front office function. Prerequisite: Permission of vocational program advisor.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹ATMK 260 — Introduction to the Food Industry (3-0-3)

A comprehensive study of the food industry from past, present and future. This study will include potential changes in the food industry during the latter stages of the twentieth century.
Prerequisite: Permission of vocational program advisor.

¹ATMK 261 — Managing and Training People (3-0-3)

A study of food store operations, designed primarily for managers and management trainees. Innovative management suggestions and tested procedures, along with ideas for incorporating them into action are presented in detail.
Prerequisite: Permission of vocational program advisor.

¹ATMK 262 — Front-End Management (3-0-3)

A study of the procedures vital to the one area in the store where customers and clerks always meet. Designed for store-level personnel, supervisors, and management trainees, and presents information as to how their activities relate to the important operations at checkout counters.
Prerequisite: Permission of vocational program advisor.

¹ATMK 263 — Customer Relations (2-0-2)

A study of the relationship between consumers and food retailers. Particular emphasis is placed on the value and satisfaction derived from efforts made by store personnel to meet all the needs of all consumers at all times.
Prerequisite: Permission of vocational program advisor.

¹ATMK 264 — Meat Management and Operations (2-0-2)

A study of reliable, practical methods for dealing with meat operations by managers at all levels. Beneficial to all store employees in that it helps them become aware of how meat departments relate to the total store operation.
Prerequisite: Permission of vocational program advisor.

¹ATMK 265 — Produce Management and Operations (2-0-2)

A study of the history of fresh fruit and vegetable merchandising. A review of the supervisory and organizational skills needed in the department, as well as displaying and merchandising techniques necessary to sell fresh fruit and vegetables.
Prerequisite: Permission of vocational program advisor.

¹ATMK 266 — Floral Management and Operations (2-0-2)

A study of the benefits floral crops offer retailers in supermarkets and other mass markets. A review of natural attractiveness of floral displays, high gross margins and customers who enjoy shopping where flowers can be seen.
Prerequisite: Permission of vocational program advisor.

¹ATMK 267 — General Merchandise Management and Operations (2-0-2)

A detailed study of these products in relation to the retail grocery stores of today. Reviews how they are distributed, merchandised, advertised, and promoted. Identifies methods for computing costs, determining advantageous buying routines, and ascertaining profits.
Prerequisite: Permission of vocational program advisor.

¹ATMK 268 — Food Store Sanitation (2-0-2)

A study of safe and profitable methods for handling foods in all departments of a retail store. Review includes basic facts necessary for the establishment and maintenance of an effective program of sanitation and cleanliness. Upon successful completion of this course, the student will have met the Food and Drug Administration's requirements for certifying employees to supervise sanitary programs in stores.
Prerequisite: Permission of vocational program advisor.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹ATMK 269 — Food Store Security (3-0-3)

A study of well-tested methods for combating both external and internal thefts that occur in the food distribution segments of the food industry — wholesale and retail. Reviews techniques for preventing these crimes.
Prerequisite: Permission of vocational program advisor.

¹ATMK 270 — Retail Management (5-0-5)

A study of the financial factors necessary in profitable merchandising and how to manage security and safety.
Prerequisites: ATMK 130, MATH 121.

¹ATMK 271 — Visual Merchandising (5-0-5)

A study of visual merchandising and the total image of visual presentation of merchandise. This course includes terminology used in store planning and display. Students develop appropriate display themes, designs, props and signs.

¹ATMK 272 — Merchandise Buying (5-0-5)

A practical guide for students wishing to pursue careers in retail management. Information covered in this course includes the following: contacting vendors; wholesalers; manufacturers; developing a model stock plan; determining fashion seasons; planning the merchandise budget and organizing the buying function.

MATHEMATICS

MATH 090 — Introductory Mathematics (5-0-5)

See Page 160.

MATH 098 — Developmental Mathematics (5-0-5)

See Page 160.

MATH 099 — Review Algebra (5-0-5)

See Page 160.

MATH 105 — Mathematics for Liberal Arts (5-0-5)

A study of basic topics in arithmetic and algebra with emphasis on their applications to probability, statistics, computing machines, and other areas. Not appropriate for business, science or mathematics majors.
Prerequisite: MATH 98 or one year of high school algebra and consent of School of Arts and Sciences.

²MATH 107 — Applied Trigonometry (5-0-5)

A course in algebra and trigonometry for selected vocational-technical majors including: a review of elementary algebra, angles, circles, triangles, similar triangles, trigonometric functions and graphs, trigonometric identities and equations, definition of inverse trigonometric functions, solution of triangles, vectors, complex numbers, polar coordinates, and applications.
Prerequisite: MATH 99 or two years of high school algebra and consent of School of Arts and Sciences.

MATH 111 — College Algebra (5-0-5)

A study of the essential subject matter of college algebra including a review of basic algebraic facts and techniques, equations and inequalities, functions and graphs, systems of equations and inequalities, theory of polynomial equations, and applications to a variety of real-world situations especially those related to mathematics and the natural sciences. Appropriate for non-business majors.
Prerequisite: MATH 99 or two years of high school algebra and consent of School of Arts and Sciences.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

²Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Areas II or IV.

See Page 118 for an explanation of digits following course titles.

MATH 112 — Precalculus (5-0-5)

A course in precalculus mathematics including: a review of algebraic techniques, functions and graphs; logarithmic and exponential functions, trigonometric functions, identities, and equations.

Prerequisite: MATH 111 or two years of high school algebra, at least one quarter of advanced algebra or trigonometry, and consent of School of Arts and Sciences.

MATH 121 — Decision Mathematics I (5-0-5)

A study of basic quantitative methods used in business and the social sciences including a review of algebra, introduction to functions and graphing, with emphasis on linear, quadratic, exponential, and logarithmic functions, linear systems of equations, matrix algebra, linear programming, and the mathematics of finance. Appropriate for majors outside natural sciences and mathematics.

Prerequisite: MATH 99 or two years of high school algebra and consent of School of Arts and Sciences.

MATH 122 — Decision Mathematics II (5-0-5)

A non-rigorous study of differential and integral calculus of functions of one variable and selected topics in multivariable calculus with decision applications for business and social sciences. One-variable calculus topics include limits and continuity, derivative rules, maxima and minima, techniques of integration, the definite integral, and area between curves. Multivariable calculus topics include partial derivatives, maxima and minima. Not appropriate for students with credit for MATH 151 or 152.

Prerequisite: MATH 111 or MATH 121.

MATH 151 — Calculus and Analytic Geometry I (5-0-5)

A study of differential calculus of functions of one variable, including limits, continuity, derivatives of algebraic and trigonometric functions, applications of derivatives and antiderivatives.

Prerequisite: MATH 112 or consent of School of Arts and Sciences.

MATH 152 — Calculus and Analytic Geometry II (5-0-5)

A study of integral calculus of functions of one variable, including the definite integral, the Fundamental Theorem of Calculus, applications of integrals and techniques of integration, and additional topics in one variable calculus including logarithmic, exponential, and inverse trigonometric functions.

Prerequisite: MATH 151 or consent of instructor.

MATH 251 — Calculus and Analytic Geometry III (5-0-5)

A study of three-dimensional analytic geometry; vector calculus, and multivariable calculus including limits, continuity, partial derivatives, extrema, multiple integrals, and applications.

Prerequisite: MATH 152 or consent of instructor.

MATH 252 — Calculus and Analytic Geometry IV (5-0-5)

A study of additional topics of vector and multivariable calculus including line integrals and additional topics in one variable calculus including sequences and series, Taylor's Theorem, improper integrals, and differential equations.

Prerequisite: MATH 251 or consent of instructor.

MATH 214 — Introductory Linear Algebra (5-0-5)

An introduction to matrix algebra including determinants, vector spaces, linear transformations, and characteristic roots.

Prerequisite: MATH 152 or consent of instructor.

MATH 231 — Introductory Statistics (5-0-5)

A study of basic descriptive and inferential statistics. Topics include probability, random variables, probability functions, measures of central tendency and variation, sampling, and statistical estimation and prediction.

Prerequisite: MATH 111 or MATH 121 or consent of instructor.

MEDICAL LABORATORY TECHNOLOGY

Specialized courses in the medical laboratory technology curriculum are offered at Atlanta Area Technical School. Please refer to the catalog of that institution for descriptions of these courses.

See Page 118 for an explanation of digits following course titles.

MEDICAL OFFICE ASSISTANT

ATMA 100 — Introduction to Health Professions (5-0-5)

An introduction to health professions that includes personal health and hygiene, interpersonal relationships, communication skills, medical terminology, abbreviations, medical law, and ethics.

ATMA 110 — Medical Assisting Procedures (3-6-5)

A study of the basic clinical skills needed for successful employment in the physician's office. Areas of emphasis include vital signs, positioning and draping, general examinations, sterilization techniques, medical/surgical asepsis, medical office emergencies, first aid and CPR.

Prerequisite: ATMA 100.

ATMA 115 — Medical Administrative Procedures (3-6-5)

A study of records and record keeping procedures used in the medical office, including appointments, filing, insurance forms, correspondence, financial records, and the pegboard system.

Prerequisites: ATMA 100, OADT 111.

ATMA 120 — Treatment Modalities (2-3-3)

A study of basic approaches to medical office treatment, including diet therapy, drug therapy, office surgery, and physical therapy.

Prerequisite: ATMA 100.

ATMA 130 — Laboratory Procedures (2-3-3)

A study of basic diagnostic tests performed in the medical office, including laboratory practice in capillary puncture, venipuncture, hemoglobin, hematocrit, blood typing, urine testing, red and white cell counts, sedimentation rate, electrocardiograms, and x-ray techniques.

Prerequisite: ATMA 110.

ATMA 140 — Medical/Surgical Problems (5-0-5)

A study of medical/surgical, pediatric, and obstetrical conditions seen in the physician's office, including symptoms, diagnostic tests, and treatments.

Prerequisite: ATMA 100, BIOL 102.

ATMA 222 — Occupational Internship (1-30-10)

After successful completion of the required courses the student is provided experience in one or two physicians' offices for a total period of ten weeks. In unusual circumstances, and with approval of advisor, a student in good standing may take one business course concurrently.

Prerequisite: All ATMA courses.

ATMA 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.

Prerequisites: Vocational-Technical major and permission of vocational program advisor.

MILITARY SCIENCE (Not Offered During The 1986-87 Year)

(Texts and Equipment. All texts, classroom equipment and any uniforms that may be issued are furnished by the Department of the Army without charge. Each student is responsible for the proper care of all items loaned to him or her during Military Science courses and must return these items in good condition when so directed.)

MILI 101 — Introduction to ROTC (1-1-2)

Organization of the Army and ROTC. Career opportunities for ROTC graduates. The Army as a profession - confidence building adventure training (orienteeing, mountaineering).

MILI 102 — Basic Military Skills (1-1-2)

Military land navigation instruction; basic rank identification; small unit organization theory and management techniques. Classroom instruction and field application.

Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

- MILI 103 — ROTC Basic Summer Alternative (3-3-3)
Intensive and challenging Military Science course which compresses MILI 101, 102, 104, 201, 202, and 203 into the Summer Quarter. Completion fully prepares and qualifies the student for direct entry into the Advanced Program during the upcoming Fall Quarter.
- MILI 104 — Basic Military Traditions (1-1-2)
Significance of military courtesy, discipline, customs and traditions of the service. Development of leadership abilities through practical exercises.
- MILI 201 — Basic Military Science (1-1-2)
Introduction to the basic techniques and operations of the military, topographic map reading, classroom and field application of military science and confidence skills.
- MILI 202 — Basic Leadership and Tactics (1-1-2)
Development of skills required of junior military leaders; classroom discussion and practical exercise.
- MILI 203 — Basic Leadership Skills (1-1-2)
Functions, duties, and responsibilities of junior leaders; the use of map and aerial photographs. Classroom and field application of military science skills.
- MILI 231 — Methods of Instruction (3-1-3)
Planning, presenting and evaluating military instruction.
- MILI 232 — Leadership in Small Unit Operations (3-1-3)
Decision-making processes, delegation of authority, and leadership and management functions in the tactical employment of small military units.
- MILI 233 — Advanced Leadership Development (3-1-3)
Leadership fundamentals including simulated problems in military leadership.
- MILI 241 — Military Management and Leadership (3-1-3)
Organization, decision-making, managerial functions, as systematically applied to administrative, intelligence, training and logistics operations.
- MILI 242 — Military History (5-0-5)
Historical growth and development of the Army.
- MILI 243 — The Military Officer (3-1-3)
Role of the officer in the military and contemporary world. Military implications of world change; officer responsibilities for use of tactics and combined arms teams in combat.

MUSIC

- MUSI 100 — Music Literature Survey (2-1-2)
A survey of music literature from the Middle Ages through the twentieth century.
Prerequisite: Consent of instructor.
- MUSI 111 — Music Theory (4-0-3)
Fundamentals of notation, pitch, time classification, intervals, scales, key signatures; beginning identification of triads; sight-singing and dictation of intervals and simple melodies in treble, bass, alto and tenor clefs. Open to all music majors and all students wishing to deepen their understanding of technical aspects of music.
- MUSI 112 — Music Theory (4-0-3)
Further identification of triads; introduction to functional harmony and analysis; beginning exercises in part-writing of triads in root position, first and second inversions; sight-singing and dictation of melodies with introduction of modes and minor scales.
Prerequisite: MUSI 111 or consent of the instructor.

See Page 118 for an explanation of digits following course titles.

- MUSI 113 — Music Theory (4-0-3)
Further part-writing exercises; study of phrase structure and cadences; the technique of harmonization; non-harmonic tones; seventh chords, melodic dictation through two parts and sight-singing of more complex melodies including modulation.
Prerequisite: MUSI 112.
- ¹MUSI 140 — Piano Pedagogy (4-2-5)
Current methods and trends used in teaching private piano lessons with special emphasis on keyboard technique and literature for beginners of all ages.
- ¹MUSI 141 — Voice Pedagogy (4-2-5)
The physical and mental processes involved in singing. A survey of vocal methods, art song, and contemporary solo literature.
- ¹MUSI 150 — Beginning Group Instruction in Applied Music (2-0-2)
Group lessons in voice, piano, and other instruments. May be repeated for credit. The particular type of lesson will be listed as a part of the course title.
- MUSI 151 — Applied Music (.5-0-1)
Private lessons in voice, piano, and other instruments. May be repeated for credit. The particular type of lesson will be listed as a part of the course title.
Note: This course does not count for graduation credit from Clayton Junior College in AREA IV of the College Transfer Program in Music.
- MUSI 152 — Applied Music (1-0-1)
Private lesson in voice, and other instruments. May be repeated for credit. The particular type of lesson will be listed as a part of the course title.
Note: A maximum of three quarter credit hours may be applied toward graduation.
- MUSI 191 — Ensemble (0-3-1)
Choral and instrumental groups for which students may receive credit. May be repeated quarterly. The particular ensemble will be listed as a part of the course title.
MUSI 191A — Choir
MUSI 191B — Chamber Ensemble
MUSI 191F — Band
MUSI 191G — Piano Ensemble
MUSI 191J — Jazz Ensemble
MUSI 191L — Music Theatre
- MUSI 201 — Music Theory (4-0-3)
A study of 18th and 19th century harmonic practices, including chords of the seventh. Writing of some original compositions required. Ear-training, sight-singing and dictation continuing in two-parts and beginning three-parts. Functional keyboard harmony.
Prerequisite: MUSI 113.
- MUSI 202 — Music Theory (4-0-3)
A study of 18th and 19th century harmonic practice, including chords of the 9th, 11th, 13th and modulation. Writing of original compositions required. Ear-training, sight-singing and dictation continuing in three-parts. Functional keyboard harmony.
Prerequisite: MUSI 201.
- MUSI 203 — Music Theory (4-0-3)
A study of harmonic practices of the 20th century. Ear-training, sight-singing and dictation in three-parts and four-parts. Some original compositional writing required. Keyboard harmony exercises.
Prerequisite: MUSI 202.

¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

See Page 118 for an explanation of digits following course titles.

- MUSI 211 — Music Appreciation (5-0-5)
Study of all types of music through reading and listening to records; for the general student wishing to develop the talent of perceptive listening.
- ¹MUSI 240 — Piano Literature (5-0-5)
A survey of standard piano literature with emphasis in teaching piano lessons.
- ¹MUSI 241 — Choral Techniques and Literature (4-2-5)
Basic conducting and choral techniques. A study of choral history and examination of choral works.
- ¹MUSI 250 — Intermediate Group Instruction in Applied Music (2-0-2)
Group lessons in voice, piano, and other instruments. May be repeated for credit. The particular type of lesson will be listed as a part of the course title.
Prerequisite: MUSI 150 or equivalent.
- ¹MUSI 251 — Applied Music (.5-0-1)
Continuation of MUSI 151.
Note: This course does not count for graduation credit from Clayton Junior College in AREA IV of the College Transfer Program in Music.
- MUSI 252 — Applied Music (1-0-1)
Continuation of MUSI 152.
Note: May be repeated for credit. A maximum of three quarter credit hours may be applied toward graduation.

NURSING

- ²NURS 105 — Introduction to Nursing (5-3-6)
This course is an orientation to the field of nursing and includes basic nursing concepts and procedures based on scientific principles. Emphasis is placed on identifying and meeting the patient's needs and on using the problem-solving approach in nursing situations. Mental health concepts are introduced to form a basis for better understanding of the patient as a person and as a background for further study.
Prerequisite or corequisite: BIOL 151.
- ²NURS 106 — Pharmacology (2-0-2)
The course outlines basic concepts of pharmacology and their clinical application. Major drug classifications are identified. Current practices for insuring safe, optimal chemotherapy are presented.
Prerequisites or corequisite: BIOL 151, BIOL 152, CHEM 112, or CHEM 121.
- ²NURS 121 — Adult Nursing I (5-9-8)
The student further develops the fundamental skills with the adolescent to young adult hospitalized patient and family. Emphasis is placed upon skill in assessment of patient's needs and approaches to appropriate nursing intervention as they relate to the developmental stage of the patient. Common recurring health problems which require surgical intervention are the primary focus of the content area.
Prerequisite or corequisites: NURS 105, CHEM 112 or 121, NURS 106 and BIOL 152.

¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

²Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

- ¹NURS 122 — Adult Nursing II (5-9-8)
The student further develops fundamental nursing skills with the hospitalized adult. Emphasis is placed on the utilization of the nursing process in the care of middle aged and older adults and their families. The content of the course focuses on major health problems which require medical intervention.
Prerequisite or corequisites: NURS 105, CHEM 112 or 121, NURS 106 and BIOL 152.
- ¹NURS 203 — Nursing Care of the Child-Bearing Family (4-12-4)
This is a family-centered course which utilizes the nursing process in caring for clients and their families during the hospitalization phase of the childbearing cycle. Nursing care related to normal and abnormal physiology and psychological conditions which affect pregnancy, childbirth and the newborn, is the focus for the course.
Prerequisite or corequisites: NURS 105, 106, 121, 122.
- ¹NURS 204 — Nursing Care of Children and Families (4-12-4)
This course focuses on the nursing care of children and their families during the childrearing cycle. The nursing process is utilized throughout, as the basis from which the child and family are discussed in relation to health promotion and maintenance.
Prerequisites or corequisites: NURS 105, 106, 121, 122.
- ¹NURS 205 — Psychiatric-Mental Health Nursing (4-12-4)
This course focuses on the needs of clients with mental health problems and their physiological and behavioral adaptation. The course serves as an introduction to care of clients with multi-system stressors, with emphasis on application of the nursing process to their care.
Prerequisites or corequisites: NURS 105, 106, 121, 122, 203, 204.
- ¹NURS 206 — Advanced Physiological Nursing (4-12-4)
An advanced Medical-Surgical course which emphasizes application of the nursing process in care of clients with acute problems. This course serves as an introduction to care of clients with multi-system stressors and their physiological and behavioral adaptation to those stressors.
Prerequisite or corequisite: NURS 105, 106, 121, 122, 203, 204, PHED 102, PSYC 201.
- ¹NURS 209 — Nursing Care Management and Responsibilities (5-15-10)
An opportunity for the student to demonstrate beginning skills in mid-management by developing and implementing nursing care plans for groups of patients in team nursing situations. Issues in contemporary nursing, legal responsibilities and professional considerations are included.
Prerequisites or corequisites: NURS 207, 208.

OFFICE ADMINISTRATION AND TECHNOLOGY

- ¹OADT 100 — Business English (5-0-5)
Knowledge and application of grammar, punctuation, spelling, capitalization, numbers, abbreviations, and word division for all business writing situations.
- ¹OADT 111 — Keyboarding/Typewriting I (1-4-3)
An introductory course for individuals who have had no typewriting or who type less than 30 words per minute. Designed for those who will operate any type of keyboard, including typewriter, computer, or word processor. Simple letters, reports, tabulation.
- ¹OADT 112 — Keyboarding/Typewriting II (1-4-3)
Development of speed and accuracy in keyboarding as well as the production of various types of business correspondence, reports, forms, manuscripts, and tabulation.
Prerequisite: OADT 111 or consent of instructor.
- ¹OADT 113 — Keyboarding/Typewriting III (1-4-3)
Advanced course providing further development of speed and accuracy skills. Production of a wide variety of business communications from rough-draft materials using the electronic typewriter.
Prerequisite: OADT 112.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹OADT 151 — Shorthand I (5-0-5)

A study of the principles of Gregg shorthand with emphasis on reading and writing shorthand. Dictation of familiar material at a minimum of 60 words per minute for three minutes and transcription with a minimum of 95 percent accuracy.
Prerequisites or corequisites: OADT 100 and OADT 111.

¹OADT 152 — Shorthand II (5-0-5)

Emphasis on dictation of new material. Minimum dictation speed of 80 words per minute for five minutes on new material. Transcription at the typewriter with a minimum of 95 percent accuracy.
Prerequisites: OADT 100 and OADT 151.

¹OADT 153 — Shorthand III (5-0-5)

Dictation of new material and transcription at the typewriter. Dictation of 100-120 words per minute and transcription with a minimum of 95 percent accuracy. Mailable letters.
Prerequisite: OADT 152.

¹OADT 202 — Business Machines Calculation (3-4-5)

Development of skills in operating various office machines, including electronic calculators and reprographics equipment. Knowledge and application of business mathematics.
Prerequisite: OADT 111 or consent of instructor.

¹OADT 203 — Office Management (5-0-5)

Emphasis on management and supervision of employees in the automated office. Topics include selection of employees, compensation, and incentive plans, job descriptions and analyses, ergonomics, personnel supervision, and implementation of office systems.
Prerequisite or corequisite: OADT 211.

OADT 205 — Business Communications (5-0-5)

Knowledge and application of principles of oral, written, and nonverbal communications in business situations. Letter writing and report writing; planning, organizing, outlining, writing, and rewriting to get a final manuscript.
Prerequisite or corequisite: OADT 100 for OADT students; ENGL 111 for non-OADT students.

¹OADT 207 — Office Procedures I (5-0-5)

Office procedures typical of business offices, with emphasis on decision-making, telephone techniques, filing and records management, meeting and travel arrangements, and mail responsibilities.
Prerequisites: OADT 100, 112, 205, 211, 212, and 152 or consent of instructor.
Corequisite: OADT 208.

¹OADT 207L — Office Procedures I — Legal (5-0-5)

Office procedures typical of legal offices, with emphasis on legal terminology, decision-making, telephone techniques, filing and records management, meeting and travel arrangements, and mail responsibilities.
Prerequisites: OADT 100, 112, 205, 211, 212, and 152 or consent of instructor.
Corequisite: OADT 208L.

¹OADT 208 — Office Procedures II (5-0-5)

Students work in simulated office and produce work based on employability standards. Emphasis on production of business documents, work flow, office systems, setting priorities, human relations, professionalism, and job-seeking techniques.
Corequisite: OADT 207

¹OADT 208L — Office Procedures II — Legal (5-0-5)

Students work in simulated legal office and produce work based on employability standards. Emphasis on production of legal documents, work flow, office systems, setting priorities, human relations professionalism, and job-seeking techniques.
Corequisite: OADT 207L.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹OADT 211 — Concepts of Information Systems (4-2-5)

An introduction to concepts of information processing and systems related to today's business office. Topics include information processing terms; development and business use of computers, word processors, and other automated office equipment; careers in the electronic office; records management; and hands-on business use of the microcomputer.
Prerequisite or corequisite: OADT 111.

¹OADT 212 — Word/Information Processing I (2-6-5)

Intensive use of word processing equipment and machine transcription units. This course will help to prepare students for duties in a variety of office positions, particularly in word processing.
Prerequisites or corequisites: OADT 100, 112, and 211.

¹OADT 213 — Word/Information Processing II (2-6-5)

An advanced course in word/information processing. Includes advanced word/information processing applications, transcription and dictation skill development, basic system maintenance, and a simulation representing activities in a word processing center.
Prerequisite: OADT 212.

¹OADT 214 — Business Computer Software (2-6-5)

A hands-on computer software course on the IBM-PC and PC compatible. Designed for business and office personnel who use prepackaged software on microcomputers. Includes electronic spreadsheets, data base management, word processing, and integrated software.
Prerequisites: OADT 211; ability to keyboard.

¹OADT 222 — Occupational Internship (1-15-5)

Students secure paid employment in supervised and approved work situations to further their occupational skills, technical competence, and attitudes in an area related to their vocational specialty. A minimum of 150 hours of work experience is required in an individualized training program. May be repeated for a maximum of 10 quarter hours. Usually taken during advanced stages of program.
Prerequisite: Employment, Vocational-Technical major, and permission of vocational program advisor.
Corequisite: OADT 207.

¹OADT 233 — Selected Topics and Problems (1-12-5)

A study of selected topics/problems common to student needs under the guidance and supervision of a faculty member. Variable credit from 1 to 5 quarter hours.
Prerequisites: Vocational-Technical major and permission of vocational program advisor.

¹OADT 250 — Automated Accounting I (5-0-5)

Introduction of the basic accounting cycle and emphasis on accounting procedures typical of both retail and service business establishments. Computer applications will be introduced.
Prerequisite or corequisite: OADT 211.

¹OADT 251 — Automated Accounting II (4-2-5)

Emphasizes accounting procedures typical of partnerships and corporations. Computer applications continued.
Prerequisite: OADT 250.

¹OADT 252 — Automated Accounting Applications (3-4-5)

A conclusion of fundamental principles of accounting with emphasis on control accounting, decision-making, and individualized non-profit organizations. Major emphasis will be on advanced computer applications.
Prerequisite: OADT 251.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

PHILOSOPHY

PHIL 211 — Introduction to Philosophy (5-0-5)

The nature of philosophical thinking, the relation to and difference from other types of intellectual endeavor, studied through reading and discussing representative texts of major philosophers.

PHIL 221 — Introduction to Logic (5-0-5)

Study of the art of correct reasoning in the light of classical and modern techniques of analysis.

PHYSICAL EDUCATION/HEALTH/RECREATION

(Equipment for all classes will be furnished by the Physical Education Department unless otherwise indicated.)

PHED 100 — Prescriptive Exercise (1-2-2)

Designed to assist the student in developing an individual fitness program utilizing components of flexibility, muscular strength, cardiovascular endurance, and body composition. The course will also deal with related topics such as nutrition, heart disease, and stress management.

¹PHED 101 — Personal Health (2-0-2)

An examination of the physical and mental health problems of man. Emphasis will be placed on emotional problems, drug abuse, alcohol abuse, foods, diet and weight control, reproduction, medical services, and ecology.

PHED 102 — First Aid (1-2-2)

General instruction in basic emergency first aid techniques. American Red Cross certification is available to those satisfactorily completing the course.

PHED 104 — Modern Marriage and Family Relationships (2-0-2)

An examination of the man-woman relationship as it is found in dating, courtship, marriage, and family life in contemporary America.

¹PHED 105 — Archery (0-2-1)

Development of proper shooting technique, terminology, shooting etiquette, and tackle selection.

PHED 110 — Badminton (0-2-1)

Development of the skills of the serve, drive, smash, drop, and clear. Instruction in singles and doubles play, rules, and terminology

¹PHED 120 — Beginning Golf (0-2-1)

Designed to develop effective chipping, putting, and driving skills for the novice golfer. Rules and etiquette of golf are included. The student should wear low-heel shoes. Golf shoes are not required. The College provides clubs and balls. The student is required to play 9 holes of regulation golf during the quarter.

¹PHED 125 — Beginning Tennis (0-2-1)

Primary emphasis is on the development of the forehand and backhand ground strokes and serve. Introduction to lob, overhead, and volley. Singles and doubles play included. Emphasis on rules and etiquette of tennis. Students furnish tennis shorts, T-shirt, and smooth-soled tennis shoes. The College provides tennis racquets and tennis balls. Students may use their personal tennis racquets.

¹A student may receive credit by examination for these courses by successfully completing a competency examination. Please contact a member of the Health, Physical Education, and Recreation faculty for further information.

See Page 118 for an explanation of digits following course titles.

PHED 126 — Intermediate Tennis (0-2-1)

This course is designed for students who have developed sound forehand and backhand ground strokes and have developed an effective overhead, loop serve. The emphasis is on the development of the overhead, lob, and volley; and on placement of shots. Strategy for singles and doubles play is included. Rules and etiquette of tennis are stressed. Students furnish tennis shorts, T-shirts, and smooth-soled tennis shoes. The College provides tennis racquets and tennis balls. Students may use their personal racquets.

Prerequisite: PHED 125 or permission of instructor.

PHED 130 — Gymnastics-Apparatus (0-2-1)

Instructions in the basic stunts and creative routines on the following pieces of apparatus: balance beam, uneven parallel bars, rings, horizontal bar, and side horse.

PHED 131 — Tumbling (0-2-1)

Instruction in basic stunts and creative routines.

PHED 135 — Beginning Judo (0-2-1)

Development of basic throws, falls, and techniques involved in subduing an attacker. Emphasis is placed on judo as a defense technique and judo as a sport. Students must furnish uniform.

PHED 137 — Self Defense (0-2-1)

Skill and understanding essential for defense against an aggressor with emphasis on avoiding attacks. Includes falls, throws, counters, locks, and escapes. Student must furnish uniform.

PHED 139 — Beginning Karate (0-2-1)

Basic development of the art of kicks and punches through demonstration and practice of proper techniques. Emphasis is placed on safety and control. Tae Kwon Do is the art of self defense without weapons. Students must furnish uniform.

¹PHED 140 — Jogging (0-2-1)

Development of proper jogging technique, endurance and stamina, proper warm-up techniques and knowledge of the physiological and health benefits associated with physical activity.

¹PHED 141 — Weight Training (0-2-1)

Development of proper lifting technique. Acquire knowledge of several methods of development of strength and muscular endurance; and the physiological principles of weight training.

PHED 143 — Intermediate Karate (0-2-1)

Improvement on basic techniques developed in beginning karate class and development of new and more advanced techniques involving a higher proficiency of skill and control.

Prerequisite: PHED 139 or equivalent.

PHED 159 — Aerobic Dance (0-2-1)

Designed to develop the knowledge, understanding, and values of aerobic activity through rhythmic movement.

PHED 160 — Folk Dances of Western Europe and the United States (0-2-1)

Native dances from countries of Western Europe and the United States are the primary focus. Brief historical development of dances is included.

¹A student may receive credit by examination for these courses by successfully completing a competency examination. Please contact a member of the Health, Physical Education, and Recreation faculty for further information.

See Page 118 for an explanation of digits following course titles.

- PHED 161 — Round and Square Dance (0-2-1)
Basic instruction in American dance. Fundamental steps and formations are included.
- PHED 163 — Beginning Modern Dance (0-2-1)
Development of an understanding of the skills, knowledge and conditioning essential for free and creative dance. Students must furnish leotards and tights.
- PHED 164 — Intermediate Modern Dance (0-2-1)
Designed to further develop the student's technical skills and knowledge with concentration on promoting the individual style needed for jazz. Students must furnish leotards, tights, and ballet shoes.
- PHED 165 — Folk Dances of Eastern Europe (0-2-1)
Native dances from countries of Eastern Europe are the primary focus. Introduction to customs, cultures, and brief historical development of dances is included.
- PHED 166 — Beginning Tap Dance (0-2-1)
Designed to teach the basic tap steps and combinations along with their rhythmic analysis and style to be used in composition. Students must furnish tap shoes.
- PHED 167 — Social Dance (0-2-1)
Instruction in the basic techniques and patterns of traditional couple dances with an emphasis on current dances.
- PHED 168 — Beginning Ballet (0-2-1)
A program of classical ballet, including alignment of the body, position of the feet, elementary locomotive movements, basic ballet terms, and jumps. Student must furnish leotards, tights, and ballet shoes.
- PHED 169 — Intermediate Ballet (0-2-1)
An in-depth technical approach to the understanding and appreciation of ballet. Concentration on improving one's ability to master the basic step and turns. Will include ballet history. Students must furnish leotards, tights, and ballet shoes.
- PHED 170 — Volleyball (0-2-1)
Development of the skills of the pass, the volley, the spike, the block, and the serve. Instruction of offensive and defensive technique, rules, and terminology.
- PHED 172 — Intermediate Tap Dance (0-2-1)
An advanced level of tap, designed to provide the student with more intricate tap rhythms, steps and combinations with emphasis on style and speed. Student must furnish leotards, tights, and tap shoes.
- PHED 176 — Roller Skating (0-2-1)
A course designed to develop stops, turns, forward and backward skating and elementary figure skating.
- PHED 180 — Hiking and Backpacking (0-2-2)
This course is designed to expose the novice hiker/backpacker to the equipment needed for hiking and backpacking. Classtime will be devoted to selection of footwear, selection of pack and frame, selection and preparation of appropriate foods, first aid, sanitation, selection of sleeping gear, shelter and use of map and compass. In addition, there will be an emphasis on minimum impact hiking and backpacking with significance of man's relation to his environment being stressed.
- PHED 183 — Cycling (1-2-2)
Development of the proper riding skills and techniques. Instruction in safety rules, bicycle and gear selection, and proper maintenance. Weekend rides are required. Students must furnish bicycles.

See Page 118 for an explanation of digits following course titles.

- PHED 185 — Camping (1-2-2)
A basic course in camping. This course includes aspects of pioneer camping as well as family recreational camping. There will be overnight camp-outs during the course.
- PHED 195 — Personalized Physical Education (1 hr. credit)
Provides an opportunity for exceptional students to complete the physical education requirement in a course(s) that can be adapted to meet special needs.
- PHED 196 — Personalized Physical Education (1 hr. credit)
Provides an opportunity for exceptional students to complete the physical education requirement in a course(s) that can be adapted to meet special needs.
- PHED 260 — Foundations of Physical Education (5-0-5)
An introductory study of the history, philosophy, principles, foundations, nature, and scope of the field of physical education. For those majoring in health and physical education.
- PHED 265 — Physical Education in the Elementary School (4-2-5)
Lecture and field experience in planning, supervising, and administering the elementary school physical education program.
- RECR 201 — Introduction to Recreation Services (5-0-5)
This course is designed to introduce the student to the historical and philosophical foundations of leisure and recreation. Many types of agencies which provide leisure services are presented and emphasis is placed on the interrelation of these agencies in meeting the recreational needs of society. Opportunity will be afforded to observe the operation of a number of these agencies.

PHYSICS

- PHYS 151 — Introductory General Physics I (4-2-5)
Non-calculus based study of mechanics (statics and dynamics). Does not assume any prior course in physics.
Prerequisite: Two years of high school algebra or MATH 111.
- PHYS 152 — Introductory General Physics II (4-2-5)
Thermodynamics, electricity and magnetism.
Prerequisite: PHYS 151.
- PHYS 153 — Introductory General Physics III (4-2-5)
Wave physics (sound and optics) and modern physics.
Prerequisite: PHYS 151.
- PHYS 251 — General Physics I (4-3-5)
Calculus-based study of statics and dynamics.
Prerequisite: MATH 151.
Prerequisite or corequisite: MATH 152.
- PHYS 252 — General Physics II (4-3-5)
Calculus-based study of thermodynamics, electricity and magnetism.
Prerequisites: PHYS 251 and MATH 152.
Prerequisite or corequisite: MATH 251.
- PHYS 253 — General Physics III (4-3-5)
Calculus-based study of sound, optics and modern physics.
Prerequisites: PHYS 252 and MATH 251 or consent of instructor.

See Page 118 for an explanation of digits following course titles.

POLITICAL SCIENCE

POLI 111 — American National Government (5-0-5)

An introduction to the structures and processes of American national politics, from the perspective of political science methodology. (Satisfies the legislative requirement for the study of the U.S. and Georgia Constitution.)

POLI 200 — State and Local Government (5-0-5)

An introduction to the organization and processes of government at the state and local levels. Special emphasis will be placed upon the current problems faced by urban government.

POLI 211 — Introduction to Comparative Politics (5-0-5)

Designed to acquaint students with certain key concepts and methods; a comparative study of political systems in Western Europe, the Communist nations, and the Third World.

PRACTICAL NURSING

¹LPN 121 — Introduction to Practical Nursing (3-0-3)

This course is designed to orient the student to the history of nursing, the patient as a person, the process of communication, health care delivery systems, the roles of various health professionals, and the scope of practice of the Licensed Practical Nurse.

¹LPN 123 — Basic Nutrition (3-0-3)

This course is designed to provide the practical nursing student with the basic principles of nutrition, nutritional variations in the management of disease conditions and nutritional needs during the life cycle.

¹LPN 124 — Introduction to Patient Care (2-6-5)

This course introduces the student to the basic skills and nursing procedures which are generally performed by the practical nurse. Instruction and practice in the laboratory setting are provided with continued experience coordinated in the clinical area. BCLS certification (American Heart Association) in CPR is provided upon successful completion of testing. Also included in the course is a review of basic mathematics necessary as a prerequisite for pharmacology.

¹LPN 125 — Determining the Nursing Needs of Patients (6-0-6)

This course presents the practical nursing student with an introduction to the nursing theory necessary to perform competently in the role of Licensed Practical Nurse.

¹LPN 126 — Medical-Surgical Nursing I (9-18-18)

This course offers an introduction to the practical nursing care of patients with selected medical-surgical problems to include the following: the surgical patient, the geriatric patient, the patient with cancer, the patient with disorders of the blood and lymph, the patient with orthopedic disorders, and the patient with disorders of the endocrine system. Pharmacology appropriate to these disorders is included. This course includes clinical practice in the medical/surgical area. Beginning experience in the administration of medications also is provided.

¹LPN 127 — First Aid for Practical Nursing (2-0-2)

This course is designed to prepare the practical nursing student to intervene effectively in common emergency medical situations until more sophisticated help arrives. It supplements the practical nursing curriculum.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹LPN 128 — Pharmacology and Nursing (4-9-8)

This course is designed to teach the basic skills necessary for the safe administration of medications and for accurate evaluation of the effects of those medications on the patient. It includes practical experience in the clinical area.

¹LPN 129 — Obstetric Nursing (6-6-9)

This course is designed to prepare the student in the area of obstetric nursing and to further enhance worth to the health field. It is planned to provide students an opportunity to apply theory to practice and skillfully care for patients in the antepartal, labor and delivery, postpartum and newborn periods.

¹LPN 130 — Pediatric Nursing (6-6-9)

This course is designed to prepare the student in the area of Pediatric Nursing. It is intended to help the student understand the periods of infancy, toddler, pre-school, school age and adolescent. Emphasis is placed on growth and development changes and scientific rationale related to both normal and abnormal physiological states.

¹LPN 131 — Medical Surgical Nursing II (4-4-6)

This course is a continuation of Medical-Surgical Nursing I. It is designed to instruct students in the nursing care and altered physiological processes of patients with medical/surgical problems of the genitourinary, integumentary, sensory, reproductive systems, and allergic disorders and the medical and surgical treatments used for each.

¹LPN 132 — Psychiatric Nursing (3-6-6)

This course instructs the student in principles of psychiatric nursing. It begins with normal adaptation in life and progresses to deviations from the norm. It covers current treatment modalities used for psychiatric problems.

¹LPN 133 — Medical-Surgical Nursing III (7-14-14)

This course is a continuation of Medical-Surgical Nursing I and II. It is designed to instruct the student in concepts of advanced medical-surgical nursing and the altered physiological processes seen in various disorders. Areas covered include disorders/diseases of the gastrointestinal, endocrine, central nervous, cardiovascular and respiratory systems, and the medical-surgical management of each.

¹LPN 134 — Community Health Nursing (3-4-5)

This course introduces the student to community health nursing and the practical nurse's role as a referral agent and health educator. It will cover current health problems, populations and risk, and agencies available to offer assistance.

¹LPN 233 — Selected Topics and Problems (1-10)(1-24)(1-10)

Available to those students who have justified a special need to the program advisor. Prior to beginning the course, a topic/problem would be identified, objectives written, means of accomplishment outlined, and evaluation criteria provided.

PSYCHOLOGY

PSYC 098 — Developmental Seminar (2-0-2)

See Page 160.

PSYC 201 — General Psychology (5-0-5)

An experimental approach to the study of psychology as a science. Emphasis is placed on methods in psychological experimentation, social behavior, learning and memory and cognition.

PSYC 204 — Child Growth and Development (5-0-5)

An introduction to child psychology with special attention focused on the social, emotional, intellectual, and personal development of the child.

¹Career courses which may not fulfill requirements for the baccalaureate degree or be transferable to other programs. Students should consult with the institution to which they plan to transfer to determine transferability.

See Page 118 for an explanation of digits following course titles.

¹PSYC 210 — Industrial Psychology (5-0-5)

An introduction to the behavior aspects of people in business and industry. Emphasis will be placed on the motivation, stress and disciplinary characteristics of both labor and management personnel.

PSYC 258 — Psychology of Adjustment (5-0-5)

A study of the dynamics of adjustment in human behavior. Emphasis is placed on behavioral and phenomenological processes and application of adjustment techniques in individual and group situations.

SCIENCE

SCI 105 — Environmental Science (5-0-5)

A study of man and his relationship to the environment with emphasis on current environmental problems. Designed for the non-science major.

SCI 110 — Science Appreciation (5-0-5)

This course deals with the way scientists approach and solve questions relating to natural phenomena. A variety of current interest topics will be discussed in a qualitative manner.

SOCIOLOGY

SOCI 105 — Introduction to Sociology (5-0-5)

An introduction to the basic sociological concepts regarding social institutions, social organization, culture, stratification, formal organization, collective behavior, and urbanization in modern American society.

SOCI 201 — Contemporary Social Issues (5-0-5)

An analysis of current social issues utilizing data from basic research and emphasizing the part that individuals and communities alike play in isolating, describing, and solving America's internal problems.

SOCI 204 — Marriage and the Family (5-0-5)

An in-depth study of the institutions of marriage and the family including historical development, cross-cultural perspective, structure and function, and an analysis of current forces of change affecting marriage and the family.

SPANISH

SPAN 111, 112 — Elementary Spanish I and II (5-0-5 each course)

Introduction to speaking, reading, and writing Spanish; includes an introduction to Spanish culture.

SPAN 211 — Intermediate Spanish (5-1-5)

Grammar review and continued development of the student's basic skills in speaking, reading, and writing Spanish with emphasis on readings of a more difficult nature than those previously encountered by the student.

Prerequisite: SPAN 112.

SPAN 212 — Intermediate Spanish (5-1-5)

Continued development of the student's basic skills in speaking, reading, and writing Spanish with emphasis on readings of a more difficult nature than those previously encountered by the student.

Prerequisite: SPAN 211.

SPAN 295, 296, 297 — Studies Abroad (5-0-5)

See page 159.

¹Career courses which do not fulfill the requirements of the Core Curriculum of the University System of Georgia for Area IV.

See Page 118 for an explanation of digits following course titles.

SPEECH

SPCH 121 — Communications (5-0-5)

An introductory course dealing with concepts of communications and offering experience in communication situations. Intrapersonal communications, interpersonal communications, mass media and communication strategy will be explored.

STUDIES ABROAD

CLAS 295, 296, 297 Studies Abroad (5-0-5 each)

A nine-week academic program in classical studies with instruction by University System of Georgia faculty. Travel in Italy and/or Greece is included. The Studies Abroad Program is a full 15-quarter credit hour course load which is offered only in the summer.

GERM 295, 296, 297 Studies Abroad (5-0-5 each)

A nine-week academic program in German under the direction of University System of Georgia faculty. Included is a course of study with foreign professors and at least one week of travel in Germany. The Studies Abroad Program is a full 15-quarter credit hour course load which is offered only in the summer.

LATIN 295, 296, 297 Studies Abroad (5-0-5 each)

A nine-week academic program in Spanish and Latin American studies under the direction of University System of Georgia faculty. The Studies Abroad Program is a full 15-quarter credit hour course load which is offered only in the summer.

FREN 295, 296, 297 Studies Abroad (5-0-5 each)

A nine-week academic program in French conducted under the direction of University System of Georgia faculty. It includes a course of study under foreign professors and at least one week of travel in France. The Studies Abroad Program is a full 15-quarter credit hour course load which is offered only in the summer.

SPAN 295, 296, 297 Studies Abroad (5-0-5 each)

A nine-week academic program in Spanish conducted under the direction of University System of Georgia faculty. It includes a course of study under foreign professors and at least one week of travel in Spain. The Studies Abroad Program is a full 15-quarter credit hour course load which is offered only in the summer.

DEVELOPMENTAL STUDIES COURSES

¹COMM 098 — Developmental Seminar (2-0-2)

A course using small group discussion and individual oral presentation to develop communication, learning, and career planning skills.

¹Credit received in Developmental Studies courses is not applicable toward degree programs at Clayton State College nor transferable to other institutions. Students who have had no high school algebra or who have had only one year of high school algebra or who have not taken math for several years may need to take one or more Developmental Studies mathematics courses before enrolling in any math course numbered higher than 105.

See Page 118 for an explanation of digits following course titles.

¹ENGL 088 — Regents' Test Writing Preparation (5-0-5)

A course to assist students who have accumulated 75 or more quarter credit hours and who must take the Regents' Test in writing. Work will be individualized to meet a student's specific needs in writing.

¹ENGL 090 — Introductory Communication (5-0-5)

A course in the fundamentals of writing and speaking. Emphasis is on development of skills in standard edited English.

¹ENGL 099 — Developmental Communication (5-0-5)

A review of writing and speaking skills required for entrance into a college-level communication course. Prerequisite: ENGL 090 or required performance ratings on entry assessment.

¹MATH 090 — Introductory Mathematics (5-0-5)

A course in the fundamentals of arithmetic, including whole numbers, fractions, mixed numbers, decimals, percents, ratio and proportion, word problems, simple equations, and signed numbers.

¹MATH 098 — Developmental Mathematics (5-0-5)

A review of arithmetic and introduction of the topics of basic algebra. The course will deal with decimals, fractions, percents, operations with signed numbers, operations with polynomials, solutions of linear equations in one variable, and word problems.

¹MATH 099 — Review Algebra (5-0-5)

A review of intermediate algebra, including properties of the real number system, linear equations and inequalities, linear systems, polynomials, rational expressions, exponents, roots and radicals, quadratic equations, word problems, and graphing of linear and non-linear equations. Prerequisite: One year of high school algebra or MATH 098.

¹READ 088 — Regents' Test Reading Preparation (5-0-5)

A course to assist students who have accumulated 75 or more quarter credit hours and who must take the Regents' Test in reading. Work will be individualized to address a student's specific needs in reading.

¹READ 095 — Reading Improvement (5-0-5)

A course in academic reading skills. Students work on vocabulary, comprehension, and reading efficiency.

¹SARS 099 — Study and Research Skills (3-0-3)

A course in test-taking, note-taking, and using the library and other learning resources.

¹Credit received in Developmental Studies courses is not applicable toward degree programs at Clayton State College nor transferable to other institutions. Students who have had no high school algebra or who have had only one year of high school algebra or who have not taken math for several years may need to take one or more Developmental Studies mathematics courses before enrolling in any math course numbered higher than 105.

FINANCIAL AID

PURPOSE OF FINANCIAL AID PROGRAM

The purpose of financial aid at Clayton State College is to provide assistance to the student who otherwise could not attend college. Clayton has established the guideline that the primary responsibility for financing a college education lies with the students and their families. Thus the needs of an individual student for financial assistance are determined by the difference between what the student and the family can contribute and the actual cost of attending Clayton State College. A student's family contribution and need analysis will be processed by the College Scholarship Service when the Financial Aid Form is filed for processing. Financial Aid Forms are available from most secondary school counselors, from the Office of Financial Aid at Clayton State College, or from the College Scholarship Service, Box 176, Princeton, New Jersey 08540.

Detailed standards for academic progress and financial aid eligibility are available in the Office of Financial Aid. All students receiving financial aid should be aware that these standards for retaining aid are in addition to the academic standards expected for continued enrollment.

INFORMATION FOR FINANCIAL AID APPLICANTS

1. File a formal application for admission to Clayton State College;
2. File a general application for financial aid (available from the Office of Financial Aid at Clayton State College);
3. For all students applying for Federally funded programs based on financial need, including the Pell Grant, the student should do the following:
 - a. Complete steps (1) and (2) above.
 - b. File a Financial Aid Form (FAF) through the College Scholarship Service requesting that a copy of the need analysis be sent to Clayton State College (Code No. 5145).
 - c. Apply for a Georgia Student Incentive Grant by checking the Georgia Incentive Grant box in item 42 and paying the correct fee. Also complete a Georgia Incentive Grant Application and submit it to the Financial Aid Office.
 - d. Apply for a Pell Grant by checking "yes" in item 45 on the FAF. This will result in the information supplied on the FAF being sent to the Pell Grant Program in Iowa City, Iowa, which in turn will send the student a Student Aid Report. The student must bring this report to the Financial Aid Office. The student should not wait until registering to bring this report. Students who wish to apply for a Pell Grant **ONLY** must complete a Federal Aid Application. They cannot use the FAF.
 - e. The charge for processing the Financial Aid Form is currently \$7.00 and \$5.50 for each additional copy requested. There is no additional charge for processing the Pell Grant.
 - f. If the student has attended other institutions beyond high school, Federal regulations require that the student have the institution(s) forward a financial aid transcript to the institution at which aid is requested, whether the student did or did not receive aid. Financial Aid Transcripts may be picked up in the Financial Aid Office in room C-57.
4. For students applying for scholarships that do not require financial need to be shown, the student should do the following:
 - a. Complete steps (1) and (2) above.
 - b. Secure an application from either High School Counselor or Financial Aid Officer.
 - c. Complete all data required on the application.
 - d. Submit all required data, once completed to the Director of Financial Aid, Clayton State College.
5. The awarding of Financial Aid at Clayton State College is based upon these factors: (a) The student having a completed Financial Aid Folder; (b) showing financial need (for those programs requiring need), (c) and the institution's availability of funds. A completed Financial Aid folder includes a general application, a Pell Grant Student Aid Report, a Financial Aid Form analysis for those students desiring aid other than the Pell Grant, and a Financial Aid Transcript for those students who transfer to Clayton State College.
6. Applicants for Federal and State need-based Financial Aid programs at Clayton State College must meet the following criteria:
 - a. Be a U.S. citizen, National or permanent resident.
 - b. Be enrolled on at least a half-time basis (6 hours or more) in a degree program.
 - c. Must be making academic progress in their course of study. Students who are making satisfactory academic progress shall be classified as eligible recipients of financial aid except as follows: (1) Students who have been suspended because of cumulative or quarterly grade point averages. Eligibility for financial aid shall be restored only after such students have returned to college for at least one quarter, completed at least five quarter credit hours and earned a grade point average of 2.0 or higher. (2) A student will not be eligible for financial aid if, after enrolled in 30 or more credit hours, the student has not successfully completed 50% of those hours with passing grades. (The symbols F, W, WF and I are not passing grades.) Students who repeat courses or students who change their major will be required to complete the same percentage requirements of attempted

hours. (3) A student will not be eligible for financial aid if, after enrolling in 60 or more credit hours, the student has not successfully completed 75% of those hours with passing grades. (The symbols F, W, WF and I are not passing grades.) Students who have to repeat courses or students who change their major will be required to complete the same percentage requirements of attempted hours. (4) A student will not be eligible for financial aid for courses that are not appropriate to the student's major. (5) A student will not be eligible to receive financial aid for repeating a course which a passing grade has already been made. (6) Financial aid recipients will be allowed to change their major twice and still maintain financial aid eligibility. However, if the change of major results in the loss of hours, financial aid will be affected. If a change of major does not affect the number of hours earned toward a degree, financial aid will not be affected. (7) A student will be eligible to receive financial aid for a maximum of 135 credit hours attempted. Symbols F, W, WF and I received for courses will be included as part of the 135 credit hours maximum but will not count as hours completed. (8) Students enrolled in the Developmental Studies Program will be allowed to receive financial aid for 45 hours of Developmental Studies Courses, a maximum of 15 hours in each area: English, Reading, and Mathematics. In addition, students will be allowed to receive financial aid for 2 hours in Psychology 098. These 47 hours will be in addition to the 135 credit hour maximum. (9) When a student, who has been suspended from financial aid, feels that he or she has mitigating circumstances that have prevented the student from meeting Standards of Academic progress, he or she will be given the opportunity to appeal the financial aid suspension. The appeals process will be as follows:

- (a) The student will indicate in writing to the Director of Financial Aid the reasons why he or she did not achieve minimum academic requirements and the reasons why he or she should not be suspended from financial aid.
 - (b) The Director of Financial Aid will review with the Financial Aid Committee the appeal, and they shall determine whether or not the financial aid suspension is justified. The student will be advised in writing of the decision.
 - (c) Within 10 days a student may request, in writing, that the Dean of Students review this decision. Such a written request will include the reasons why such a decision should be reconsidered. The Dean of Students will meet with the student to discuss the decision. Subsequent to such a meeting, the Dean of Students shall inform, in writing, the student to the findings and decision.
- d. Must sign a statement indicating that the applicant is not in default on a Guaranteed Student Loan or National Direct Student Loan.
 - e. Must have established financial need by filing a Financial Aid Form for those programs requiring need to be shown.
 - f. Be registered for the draft with Selective Service if you are a man who is at least 18 years old and born after December 31, 1959, and who is not a current member of the active armed forces.
7. Financial Aid is awarded on a quarterly basis. All awards are disbursed in equal shares. For example, a student receiving a loan of \$300 would receive \$100 a quarter for Fall, Winter and Spring quarters. Except for the College Work-Study Program, aid is disbursed through a Financial Aid voucher from the Financial Aid Office. The voucher is accepted in place of cash or personal check for a student's tuition and fees. For students receiving aid in excess of tuition and fees, they will receive the balance in two payments. The first payment will be made on the first day of classes for those students who register at early registration and two weeks after regular registration for those students who register at that time. All students will receive the second payment following the last day to officially drop courses without academic penalty (approximately the sixth week of the quarter).
8. Schedules concerning the repayment of student loans are available from the College's Business Office or Financial Aid Office. Information regarding the refunding of student fees may be found in the Financial Information section of this catalog.
9. The cost of attendance at Clayton State College may be found in the Financial Information section of this catalog.

GENERAL LOAN PROGRAMS

GUARANTEED STUDENT LOAN

Georgia residents who meet certain income criteria may obtain Educational Loans from banks and other private lending institutions that take part in the State and Federal Guaranteed Student Loan Programs.

Students from families with adjusted gross income of less than \$30,000 are eligible to receive up to \$2,500 per academic year. Students from families with adjusted gross income of \$30,000 and above must undergo a financial needs test to determine if they are eligible. Before a student's eligibility can be determined for the Guaranteed Student Loan, the student must also apply for the Pell Grant Program and submit the Student Aid Report to the Financial Aid Office before processing of the Guaranteed Student Loan can be completed.

Loans made to students by lending institutions are guaranteed by the Georgia Student Finance Authority (GSFA) at an annual rate of nine percent (9%) for students who borrowed prior to September 12, 1983, and at an annual rate of eight percent (8%) for students who made loans after that date. All interest on loans is paid by the United States Government while the student is in school. Loans may be repaid in monthly installments following graduation or withdrawal from the school. Georgia Guaranteed Loan applications are available in the College Office of Financial Aid.

NATIONAL DIRECT STUDENT LOAN

The National Direct Student Loan is available to students with financial need at the time of enrollment or thereafter. Interest at six percent begins to accrue six months after the borrower leaves school. The loan may be repaid in one lump sum or in installments. Borrowers who elect to teach in certain eligible schools located in areas of primarily low-income families may qualify for cancellation of the entire obligation over a five-year period. A student may not receive an aggregate amount in excess of \$2,500 for the first two years of an academic program.

Clayton State College is able to provide matching funds for National Direct Student Loans and Nursing Student Loans and Emergency Loans to students through a generous grant by the John Word West Education Foundation, Inc.

EMERGENCY LOANS

In cases of exceptional circumstances, a student may apply for an Emergency Loan of up to 80% of the matriculation fee. A student wishing to apply for an Emergency Loan should secure from the Office of Financial Aid a copy of the guidelines and application form, to be returned to the Director of Financial Aid at least two working days prior to the Official Registration Day of the quarter in which the student plans to enroll. Emergency Loans are not available at Early Registration and must be repaid within a period of 30 days.

GENERAL SCHOLARSHIP PROGRAMS

MITCHELL C. BISHOP SCHOLARSHIP FUND

The Mitchell C. Bishop Scholarship Fund was created to provide financial assistance for deserving students to attend Clayton State College. Established by a contribution made by the Atlanta Airport Rotary Club, the trust fund was named for the late Mr. Bishop, one of the club's most distinguished members.

Financial assistance provided by the trust fund is available to deserving students in the form of scholarships, grants, awards, loans, and/or other appropriate stipends as determined by the College. Further contributions may be made to the fund, but only the interest income may be used to support the Scholarship Fund.

Currently, the scholarship provides three quarters of full-time tuition to outstanding students. One recipient is selected annually from each of the divisions of Business, Humanities, Natural Sciences and Mathematics, and Social Sciences. Preference in the Social Sciences area is given to a Criminal Justice major who is currently employed in law enforcement.

JOHN WORD WEST SCHOLARSHIPS

Financial assistance is available to deserving students as the result of a generous grant made to Clayton State College by the John Word West Educational Foundation, Inc. These funds provide for assistance in the form of scholarships to deserving students.

This assistance is designed to provide incentive for those deserving students who might not go to college without this financial encouragement. It is further the intent of the Fund to provide an attraction for those exceptional students who, due to this recognition, would continue to develop their talents.

Those students who would profit from attending college and who have shown reasonable academic promise are encouraged to apply for a John Word West Scholarship.

Scholarship recipients will normally receive a scholarship to cover all resident tuition and fees for one academic year to attend Clayton State College. Students awarded a one-year scholarship will be given preference for a second one-year award. Scholarships may be awarded for periods of less than one academic year.

REGENTS' SCHOLARSHIPS

Regents' Scholarships were established for the purpose of assisting the student of superior ability who needs financial aid in order to attend college. The scholarship program is administered by Clayton State College in accordance with policies established by the Board of Regents.

In order to qualify for a Regents' Scholarship, an applicant must enroll as a full-time student and have average grades or predicted average grades that place him in the upper 25% of his class. The amount of the scholarship will depend upon the financial need of the applicant as determined by the College Scholarship Service Need Analysis Report. The maximum Regents' Scholarship award during any academic year is \$500 for a junior college student.

Recipients of a Regents' Scholarship are expected, upon completion of their program of study, to reside in the State of Georgia and to engage in work for which they were prepared through scholarship aid for a period of one year for each \$1,000 of scholarship aid received.

CLAYTON STATE COLLEGE FOUNDATION ACHIEVEMENT SCHOLARSHIPS

“Foundation Achievement Scholarships” are sponsored by the Clayton State College Foundation, Inc. to recognize and reward outstanding area high school students for their record of academic achievement.

Formerly called the Foundation Merit Scholarship Program, awards for recipients of “Foundation Achievement Scholarships” are provided for the highest ranking graduates of selected area high schools who elect to attend Clayton State College. To be eligible, students must be in the top five percent of their class and score 1,000 or more on the Scholastic Aptitude Test.

A special feature of the Achievement Scholarship Program provides awards to STAR Students from the counties of Clayton, Henry, Fayette, and Fulton.

The following area high schools participate in this program:

From Clayton County:

Forest Park Senior High
Jonesboro Senior High
Morrow Senior High
North Clayton Senior High
Riverdale Senior High

From Henry County:

Henry County High
Stockbridge High

From Fayette County:

Fayette County High
McIntosh High

From Spalding County:

Griffin/Spalding County High

From south Fulton County:

Campbell High
College Park High
Feldwood High
Hapeville High
Lakeshore High
M.D. Collins High
Palmetto High
Russell High
Westwood High
Woodland High
Woodward Academy

From Rockdale County:

Rockdale County High
Heritage High

These awards cover the entire cost of Georgia residency tuition and fees for a full-time student for two years, and must be utilized within a three-year period. A financial aid application is not required for this scholarship as each high school designates those eligible.

CLAYTON STATE COLLEGE FOUNDATION TALENT SCHOLARSHIPS

The Clayton State College Foundation, Inc., provides financial assistance for students in the form of two-year, full-tuition scholarships. This award must be utilized within a three-year period. Eligibility to receive these awards is based upon academic excellence (and a course of study selection).

To be eligible, students must have a minimum score of 1,000 on the Scholastic Aptitude Test.

“Foundation Talent Scholarships” are awarded to students of superior ability and talent who plan to major in business, music, art, the humanities, natural sciences and mathematics, social sciences, health-related fields, and vocational-technical education courses. Additionally, two “Foundation Talent Scholarships” will be awarded to students of superior ability and talent of any major.

Students wishing to apply for Clayton State College Foundation Scholarships should contact the Director of Financial Aid at Clayton State College.

THE GARY DANIEL TEAL MEMORIAL SCHOLARSHIP FUND

The Gary Daniel Teal Memorial Scholarship Fund provides a one-year full-tuition scholarship for an outstanding second-year student to attend Clayton State College. Sponsored by the Atlanta Felt Company, the scholarship fund was established in honor and memory of Mr. Gary Daniel Teal, a former employee of the Atlanta Felt Company, 1157 Battlecreek Road, Jonesboro, Georgia.

TRUST COMPANY BANK OF CLAYTON COUNTY SCHOLARSHIP PROGRAM

For Students to Attend Clayton State College

Trust Company Bank of Clayton County has established a scholarship program for the purpose of assisting capable, deserving and needy adults or recent high school graduates of Clayton County in completing their college education. The scholarship is available to students who are enrolled or have been accepted for admission to Clayton State College.

Students who receive a scholarship must select a major within the field of Business, and priority will be given to students majoring in Banking and Finance. Most scholarships are granted for a period of one year for part-time or full-time study. The amount of each award, up to \$2,500, will be determined by the financial circumstances of each student.

Renewal of the scholarship is based on the student maintaining a “B” or higher average and continuing to demonstrate financial need.

Applicants must complete a Trust Company Bank of Clayton County Scholarship Application, a Financial Need Assessment Form, write a personal letter explaining their qualifications as a “capable and deserving” student, what their educational goals are, and submit two written recommendations. Application deadline is June 1.

THE ROBERT V. HOOKS SCHOLARSHIP

The scholarship is available to students who are majoring in any area of Business.

Entering freshmen must have earned a SAT score of 1,000 or better and have a high school grade point average of 3.0 or above.

Currently enrolled students must have grades that place them in the top 25% of their class at Clayton State College.

Applicants must complete a Robert V. Hooks Application, write a brief statement explaining how the scholarship will help them complete their educational objective and furnish two recommendations from instructors who are familiar with the student's academic capabilities.

To be eligible for the Robert V. Hooks Scholarship students must be enrolled on a full-time basis.

THE CLAYTON STATE COLLEGE SPECIAL OPPORTUNITY STIPEND

The Special Opportunity Stipend has been established at Clayton State College to advance the economic opportunities of black students who demonstrate financial need.

Applicants must be eligible to enroll in college credit classes, scoring at least a 710 on the SAT and possess a high school grade point average of 1.6.

Applicants must complete a Special Opportunity Stipend Scholarship Application, a Need Assessment Form, submit two recommendations and write a brief statement explaining how the stipend would assist the applicant in achieving the student's educational objective. Deadline is April 1.

GENERAL WORK PROGRAMS

COLLEGE WORK-STUDY PROGRAM

The College Work-Study Program is available to the qualified student at the time of initial enrollment or thereafter. Family income is the primary basis for determining eligibility. Satisfactory academic progress and work performance is required. Under present arrangements, a student may work each class day during the regular quarter, based upon the amount of individual financial need. There also is the possibility of full-time summer work. Since the student earns the funds, no repayment is necessary.

A student who qualifies for aid under the College Work-Study Program also may qualify for a loan and/or a grant, thereby making it possible to receive sufficient aid to meet virtually all educational expenses.

GRANTS

PELL GRANTS

The Pell Grant Program is a Federal aid program designed to provide financial assistance to those who need it to attend post-high school educational institutions. Pell Grants are intended to be the "floor" of a financial aid package and may be combined with other forms of aid in order to meet the full costs of education. The amount of your Pell Grant is determined on the basis of your own and your family's financial resources. Every student is encouraged to apply for the Pell Grant.

To apply for a Pell Grant, a student must complete a Financial Aid Form (FAF) or an Application for Federal Student Aid (AFSA). Copies are available from the Office of Financial Aid. Students who apply for the Pell Grant only may complete the Federal application for student aid. There is no fee for this application.

SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT

The purpose of this program is to make a college education available to students who demonstrate financial need. The amount of the grant is determined by an analysis of the College Scholarship Service (CSS) Financial Aid Form (FAF) and the availability of funds.

SPECIALIZED SCHOLARSHIP AND LOAN PROGRAMS

STATE STUDENT INCENTIVE GRANT

The State Student Incentive Grant (SSIG) was created by an act of the 1974 Georgia General Assembly to establish a program of need-based scholarships to qualified Georgia residents to enable them to attend eligible post-secondary institutions of their choice within the state. The grant awards are designed to provide only a portion of the total cost of a student's post-secondary education. The CSS Financial Aid Form, as well as the Georgia Student Grant Application, must be submitted and the resulting CSS Need Analysis Report must indicate financial need. The student must also be enrolled on a full-time basis to be eligible. Students under age 25 who are applying for this grant must have their parent(s), if living, sign the College Scholarship Financial Aid Form and the Financial Aid Form Supplement.

FEDERAL NURSING LOAN (FNL) PROGRAM

The purpose of the Federal Nursing Loan Program is to aid students who show financial need (demonstrated in the CSS Need Analysis Report) and who plan careers in nursing. To be considered for the Federal Nursing Loan Program, the student must be enrolled in a course of study leading to an Associate of Arts degree in Nursing.

The maximum amount that may be borrowed for an academic year is \$2,500. This amount depends on individual need. Loans are repayable over a ten-year period which begins nine months after leaving school. Interest begins to build at the time the loan becomes repayable at a rate of six percent (6%) per year.

RESERVE OFFICER TRAINING CORPS (ROTC) SCHOLARSHIP

The Georgia State Department of Military Science accepts applications for the Army ROTC Scholarship throughout the year from students at Clayton State College. Students do not have to be enrolled in ROTC to apply for these scholarships. In addition, students who attend the Basic Camp, offered throughout the summer at Fort Knox, Kentucky, may apply for a two-year scholarship awarded at the end of the camp.

Each scholarship pays tuition, books, lab fees, and other educational expenses. The scholarship student also receives \$100 a month for 10 months of each school year of the scholarship period.

Note: These payments do not interfere with other Financial Aid students may be receiving.

Other financial benefits are available. Contact the Army ROTC representative at 961-3464 ("G" Building, Room G-110J) for more information.

STATE DIRECT HEALTH CAREER LOANS

Health Career Loans may be awarded by the Georgia Student Finance Authority (GSFA) to students who are enrolled in or have been accepted to educational programs leading to careers in certain health-care fields. Students may borrow up to \$1,400 per academic year and may choose to cancel the repayment obligation by practicing their professions in Georgia one calendar year for each academic year of financial assistance. Otherwise, the same interest and repayment plans apply that apply to State Guaranteed Loans. Clayton State College students in the nursing and dental hygiene programs are eligible to apply. The loan application and transmittal letter must be filed and can be obtained from the Office of Financial Aid. New borrowers must submit a copy of their academic transcript along with their application.

Students applying for the State Direct Health Career Loans must also apply for the Pell Grant and submit the Student Aid Reports to the Financial Aid Office before their application can be processed.

STUDENT SERVICES AND STUDENT ACTIVITIES

CAREER LIBRARY

The Career Library is located in the Office of Counseling and Testing (Room D-208) and contains current career materials, occupational information, and job search resources. A representative collection of college catalogs and directories is available to assist students in transferring to senior colleges. Two microcomputers are available for student use in developing career decision-making skills.

CLUBS/ORGANIZATIONS

The organization of student-interest groups related to the programs and the purposes of the College is encouraged. Clubs and organizations now in operation include the Art Club, Baptist Student Union, Black Cultural Awareness Association, Chess Club, Delta Epsilon Chi (Marketing Club), Foreign Language Club, Georgia Association of Nursing Students, Magic Club, Mu Alpha Theta (Math Club), Phi Beta Lambda (Business Club), Phi Theta Kappa, Practical Nursing Club, ROTC Rangers, Students Supporting Other Students, and the Student American Dental Hygienists' Association.

COUNSELING/TESTING

Counseling is available to Clayton State College students in a variety of areas. The goal is to assist students in gaining an understanding of themselves so they are better able to make informed personal, academic and vocational choices. In addition to individual counseling, numerous group programs are regularly available on topics such as Study Skills, Test Anxiety Reduction, Career Planning, and Job Search Skills. The Counseling staff is available to conduct group or individual sessions on these and other areas of concern. A broad range of career exploration is available to the individual student at no cost.

The Office of Counseling and Testing also administers the GED (High School Equivalency Test), the Scholastic Aptitude Test (SAT), the Regents' Testing Program of the University System of Georgia, and the College Level Examination Program.

DRAMA ACTIVITIES

The student interested in acting and stage craft is encouraged to participate in Theater CSC, funded by the Lyceum Committee. Auditions, open to all students of the College, are held for several productions staged throughout the academic year. These range from one-act plays to opera to musicals to major dramatic presentations. Academic credit can be received for participating in Theater CSC productions.

FINANCIAL AID

A full program of Financial Aid, including employment, loans, scholarships, and grants, is available to the students through the College. Information about financial aid is published in the preceding section of this catalog.

FRESHMAN SCHOLARS

Students enrolled as Freshman Scholars at Clayton State College are eligible and encouraged to participate in the activities of both their high schools and the College.

GENERAL ENTERTAINMENT

General Entertainment presents many outstanding recent feature films and film classics throughout the year. Included in recent films were "Back To The Future," "Murphy's Romance," "Jewel Of The Nile," and "Cocoon." In addition to the feature films, "kiddie" films, with supervision, are presented with most films. General Entertainment also sponsors the annual Christmas Ball at an off-campus location. A variety of general activities, including "Family Night Dinners," are also sponsored throughout the year.

JOB PLACEMENT

The Job Placement Office (Room D-208B) assists all students interested in full-time, part-time, temporary, and summer career employment. The Job Placement Office counsels students seeking assistance in making educational choices by providing career and occupational information, employability workshops, and industry recruitment. Current job listings are posted on a job information board in the upper "D" lobby to assist students in obtaining part- and full-time jobs. Individual placement assistance is available for graduates of career and vocational programs.

LYCEUM

Each year the Lyceum Committee presents a series of concerts, recitals, and lectures for the intellectual enrichment and enjoyment of the student body. These programs are often offered in conjunction with a particular course. Among the major lecturers in recent years have been John Houseman, Judith Crist, Dean Rusk, Alex Haley, Ralph Nader, Douglas Fraser, Walter Heller, Eric Sevareid, Arthur Schlesinger, Jeff Greenfield, and Elizabeth Janeway. Major recitals have been presented by the Cleveland String Quartet, violinist Eugene Fodor, cellist Leonard Rose, oboist Heinz Holliger and Metropolitan Opera tenor Timothy Jenkins. Lyceum programs are open to the general public at no cost.

HEALTH SERVICES

A student at Clayton State College is responsible for making arrangements for personal health care with the following exceptions.

1. First Aid for minor accidents is available in the Office of Public Safety and in the Physical Education Building;
2. On-campus emergencies will be handled by the Department of Public Safety or the Office of Student Services;
3. A group policy of health and/or accident insurance is available through the Office of Student Services for the student who elects to subscribe.

HOUSING INFORMATION

Information on housing near the campus is available to the students through the Office of the Dean of Students. However, the College neither approves nor disapproves housing, and the selection of student housing is the responsibility of the student and/or his/her parents or guardians.

INTRAMURAL ATHLETICS

A full program of intramural athletics involving both team and individual activities is scheduled during each academic quarter and is open to each student of the College.

MUSIC GROUPS

Organized musical groups on campus include the Chamber Ensemble, Choir and Piano Ensemble. Performances by these groups are both on-campus and off-campus. A student interested in membership auditions through the music faculty of the College. Academic credit can be received for participating in campus musical groups.

ORIENTATION

Regularly-scheduled activities enable new students to move effectively through the assessment/orientation/advisement/registration process of entering the College. All new students attend a Day One session, receiving an introduction to the outcome-focused general education curriculum and participating in assessments to assist in placement into appropriate courses. New students return to campus for a Day Two session where they receive further orientation to the College resources, meet with faculty for academic advisement, and register for the courses they will take in their first quarter. Workshops on Choosing a Career/Major are provided to assist students in choosing a major or verifying a previous choice.

PUBLICATIONS

The Publications Committee is responsible for assisting the *Bent Tree* (student newspaper) staff in coordinating financial matters and in establishing and maintaining standards of responsible journalism. Academic credit can be received for participating as a member of the *Bent Tree* staff.

STUDENT AFFAIRS COMMITTEES

Several faculty/student committees, sub-committees, and commissions are responsible for coordinating and supervising student-oriented functions and activities through the Office of Student Services. These include the Student Affairs Committee, the Lyceum Committee, the General Entertainment Committee, the Publications Committee, the Judicial Commission, the Intramurals Committee, and the Health and Safety Committee.

STUDENT HANDBOOK: RIGHTS AND RESPONSIBILITIES

The Student Handbook details the rights and responsibilities of a student at Clayton State College. A copy of the Student Handbook is presented to each student during Orientation. It is anticipated that students at Clayton State College will conduct themselves in accordance with the regulations set down in this catalog and in the Student Handbook. A violation of the student conduct code will be adjudicated through the Office of Student Services.

STUDENT GOVERNMENT

It is the philosophy of Clayton State College that student government should provide an organizational framework within which a student may participate in and contribute to the operation and development of the College. The Student Government Association (SGA) works as an advisory body to the Student Affairs Committee. The function of the SGA shall be to provide for the general welfare of the student body by: providing appropriate student activities; providing the student body with necessary information that may be of its concern; and providing, in and of itself, a means for student input and opinion in the organization and operation of student affairs. There are twelve (12) elected positions.

TUTORING

Students experiencing academic difficulty or wishing to become tutors may inquire about the Tutorial Clearinghouse at the Office of Counseling and Testing in Room D-208. A veteran attending Clayton State College under the G.I. Bill or a member of the armed forces enrolled at Clayton State College is eligible to participate in the Veterans' Tutorial Program, which provides funds for veterans and members of the armed forces requiring tutors. Veterans seeking tutorial assistance should contact the Veterans' Affairs Office (C-57) prior to requesting a tutor from the Office of Counseling and Testing (D-208).

VEHICLE REGISTRATION

To insure efficient control of traffic and parking on campus and the safety of all persons and vehicles, each motorized vehicle operated at Clayton State College must be registered with the Department of Public Safety and must display an affixed decal. These decals are issued without cost to the student at the Business Office.

VETERANS' SERVICES

The Veterans' Affairs Office was established at Clayton State College to assist veterans in utilizing their educational benefits to the fullest advantage. Federal, state and institutional policies and procedures concerning standards of progress (i.e., attendance, length of program and specific classes pursued) are currently in effect for all students receiving veteran benefits. Information concerning these procedures is available in the Veterans' Office and is routinely mailed to all enrolled veterans. Veterans enrolled or planning to enroll at Clayton State College are invited to contact the Veterans' Affairs Office in the Office of the Dean of Students with questions about their educational benefits under the G.I. Bill.

The veteran enrolled at Clayton State College is encouraged to take advantage of such programs as the Veterans' Tutorial Program for the veteran who is experiencing academic difficulties and the Developmental Studies Program for the student who needs to review basic academic skills. The veteran enrolled at Clayton also may contact the Office of Veterans' Affairs for assistance in dealing with difficulties with the Veterans' Administration.

The following is a guide for veterans applying for veterans' benefits to be used at Clayton State College:

1. *New Students.* Veterans who have never used their educational benefits should obtain Form #1990 from the Veterans' Affairs Office and return the completed form together with a certified copy of their DD 214 to the Veterans' Affairs Office.
2. *Previously-Enrolled and Transfer Students.* A veteran who has received benefits previously at Clayton or at another college or university should obtain Form #1995 from the Veterans' Affairs Office, complete the form, and return it to the Veterans' Affairs Office.
3. *All veterans* attending Clayton are requested to notify the Veterans' Affairs Office each quarter of their total number of enrolled hours to insure that each eligible veteran will continue to receive their benefits during the following quarter.

VOCATIONAL EVALUATION

Vocational evaluation is a systematic process used to estimate an individual's current or future employment potential and adjustment. Vocational interest inventories, aptitude batteries, career search materials and real or simulated work are used in the process. The process determines vocational skills, interests, limitations, tolerances, and overall work behavior. Vocational evaluations are conducted by the vocational evaluator in the Office of Counseling and Testing (D-208).

COMMUNITY SERVICES



OFFICE OF COMMUNITY SERVICES

Clayton State College is dedicated to serving the educational and cultural needs of the south metropolitan Atlanta community. As an institution of the University System of Georgia, the College shares with its sister institutions the philosophy that such service should extend beyond purely academic offerings to the special educational and cultural needs of the community itself, especially through continuing education for adults. It is the mission of the Office of Community Services to act as a liaison between the College and the community.

Last year, during four quarters, almost 40,000 people participated in continuing education programs offered through the Office of Community Services. Directed towards personal and professional enrichment, continuing education programs do not require a high school diploma or entrance tests. Programs are offered both on the Morrow campus and at instructional centers within Clayton, Henry, south Fulton and Fayette counties.

During the past year, the Office has worked closely with school systems in the counties of Henry, Fayette, Clayton and south Fulton to design and offer dozens of programs at locations convenient to residents of these counties.

Courses offered through the Office of Community Services have several purposes. Career-oriented courses are designed to help individuals improve skills and move toward new occupational opportunities. Personal growth courses provide individuals the opportunity for greater self-awareness and progress toward their full potential. Courses in the area of sports and recreation provide physical activity and the development of a sound physical condition, while leisure time and enrichment courses are designed to improve the quality of life through art, music, hobbies, and special interests.

Courses offered through the Office of Community Services are designed primarily for adults. However, the Office does provide special opportunities for young people in music, dance and sports, as well as an extensive summer program entitled "Stagedoor South" which allows youth to work together during the creation of a musical production.

This office also works with groups of individuals within the community to generate continuing education workshops and seminars to meet other special educational needs. During the last several years, for example, the Office of Community Services has conducted workshops in continuing professional education for nurses, teachers, managers, public officials and social workers. The Office has sponsored forums on community issues.

Workshops and courses also are planned and conducted to meet special needs of local government officials and of the business community. Local governments have benefitted from programs such as land use planning and financial management. State government employees regularly attend classes in the Certified Public Manager Program, jointly planned by the State Merit System and the University of Georgia and conducted on the Clayton State College campus. The business community has participated in special programs in the areas of banking, supervisory development, and clear writing.

The Industrial Training Coordinator in the Office of Community Services consults with business and industry managers about the training and educational needs of their employees and develops programs to meet these needs. Through the combined

resources of the College's School of Business, School of Technology, and the Office of Community Services, programs can be developed in highly technical skill areas and in areas like interpersonal communications and performance appraisal that are common to all managers and supervisors. (For more information on Clayton State College's services to business and industry, turn to page 178 of this catalog.)

The Small Business Development Center on the Clayton campus adds another dimension to the services of the College. The Center provides small businesses with information and advice, and offers a series of small business management seminars each quarter in cooperation with the Office of Community Services. (For more information on the Small Business Development Center, turn to page 178 of this catalog.)

The Clayton State College Speakers' Bureau is a source of speakers for civic groups, schools and other community organizations. Programs are available on topics ranging from canoeing to opera.

The Office of Community Services mails its quarterly schedule of programs to more than 50,000 homes in the south metropolitan Atlanta area. The Schedule describes classes and lists program times and fees. Contact the Office of Community Services to be placed on the mailing list.

As an institution of the University System of Georgia, Clayton State College also serves as the official representative of the resources of the entire University System for the south metropolitan Atlanta community. The Office of Community Services is, therefore, a liaison between individuals and groups within the community and other institutions of the University System of Georgia, bringing the resources of those institutions to bear on educational needs within the College's service area.

The Director or Assistant Director of Community Services is always eager to discuss with individuals or groups within the community special educational and/or cultural needs which may be met through the resources of Clayton State College, through the resources of another institution of the University System of Georgia, or through institutional cooperation.

PARTIAL LISTING OF CONTINUING EDUCATION COURSES OFFERED 1985-86

Assertiveness Training	Interior Design
Basic Math Review	Introductory Bookkeeping and Accounting
Basic Yoga	Jazz, Tap and Aerobic Dance
Beginning Piano I and II	Karate and Self Defense
Business English	Landscape Design
Cabinet Making	Machine Shop
Community Band	Motorcycle Rider
Community Chorus	Painting for Adults
Computer Programming in BASIC	Photography
Coping with Stress	Preparatory School of Music
Divorce Adjustment	Principles of Investment
Drafting	Principles of Supervision and Communication
Drawing & Sketching	Real Estate Sales, Brokerage, First and Second Year Post-License Preparation
Early Childhood Education - Basic I	Stagedoor South
Electronics	Welding
Emergency Medical Technical (EMT) Training	
Income Tax Preparation	
Insurance	

SERVICES TO BUSINESS AND INDUSTRY

INDUSTRIAL TRAINING

An experienced general management executive now serves as the "Industrial Training Coordinator" in the Office of Community Services. The Coordinator is available to consult with business and industry managers about the training and educational needs of their employees, and helps develop programs to meet their needs.

Through the combined resources of the College's School of Business, School of Technology, and the Office of Community Services, programs can be developed in technical areas as well as for employee development. Programs range from polishing math skills to telecommunications and supervisory training.

The Industrial Training Coordinator supervises the Quick Start Program which is funded by the State Department of Education. This program is designed to train employees for expanding companies as well as for new companies wishing to locate here.

The cost of these services is very reasonable. To obtain more information, call 961-3415.

SMALL BUSINESS DEVELOPMENT CENTER

The Small Business Development Center (SBDC) at Clayton State College offers a number of services to members of the business community. Operating within the Division of Business, the SBDC provides small business owners and managers with information and advice at no charge.

Each quarter throughout the year, in cooperation with the Office of Community Services, the Center offers a series of management seminars for small businesses.

The Director of the SBDC works with individuals on a one-on-one basis, whether their business is very small, brand new, or well established. Assistance and information is available in:

- record keeping, inventory control, computer applications;
- cash flow analysis, capital requirements, loan applications;
- motivating employees, management organization, increasing productivity;
- pricing approaches, sales techniques, distribution methods; and,
- many other areas of business concern.

All counseling services provided by the SBDC are free. A small fee is required for programs and seminars offered through the quarterly management series.

To schedule an appointment, or to obtain more information, call the Small Business Development Center at 961-3414.

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COLLEGE HISTORY

June, 1965	Board of Regents authorizes three new junior colleges, one to serve south metropolitan Atlanta.
October, 1965	Board of Regents designates northern section of Clayton County as the general location of college.
October, 1966	A \$4,900,000 bond issue is passed by the citizens of Clayton County.
February, 1967	\$3,300,000 is transmitted to the Board of Regents for buildings and equipment.
February, 1968	College is officially named Clayton Junior College.
October, 1968	Construction of facilities begins.
August, 1969	First building is occupied by members of college staff.
September, 1969	Classes open with 942 students.
January, 1971	College is accredited by the Southern Association of Colleges and Schools.
September, 1974	New Classroom Building is occupied.
September, 1979	New Learning Resources Center is occupied.
January, 1981	Multi-purpose gymnasium and dance studio added to the Physical Education Building.
September, 1981	Renovation of the second floor of the Student Center Building is completed, providing specialized space necessary to accommodate new Vocational-Technical Education Programs.
September, 1983	College receives a three-year \$237,000 grant from the U.S. Department of Education to develop a comprehensive general education program.
May, 1985	Board of Regents authorizes conversion of Clayton from a two-year to a four-year institution.
May, 1985	College receives \$1 million gift honoring the late Dr. Walter P. Spivey, to be used to design and construct a fine arts center on the campus.
June, 1985	The Charles Schmidlapp Conklin Chair of Finance, the College's first faculty Chair, is established in honor of the late Charles S. Conklin, long-time Clayton County banker and member of the College Foundation's Board of Trustees.
February, 1986	Board of Regents authorizes new organizational structure for Clayton as a four-year institution, effective July 1, 1986.
May, 1986	Board of Regents authorizes name change to Clayton State College, effective July 1, 1986.
July 1, 1986	College officially becomes Clayton State College.

COLLEGE FACILITIES

USE OF COLLEGE FACILITIES

Facilities and equipment of Clayton State College are provided for the purpose of supporting the educational programs and services approved for the College by the Board of Regents.

The Office of Community Services is responsible for sanctioning the use of college facilities by groups not affiliated with the College. The primary considerations in determining use of college facilities by outside groups are whether the proposed activity is in keeping with the mission of the College and whether the College has the resources to co-sponsor the activity as one of its own programs.

Activities of other educational agencies, state and local governments, and non-profit organizations which are in conformity with the purposes of the College are usually approved and co-sponsored by the College.

The physical education facilities are primarily for the use of College students, faculty and staff.

Policies governing the use of these facilities are designed to permit maximum utilization by students, faculty, staff, and their guests; to insure the safety and well-being of the participants; and to provide for the protection, care, and maintenance of the facilities.

CAMPUS FACILITIES

A. The ADMINISTRATION BUILDING houses the offices of the President, the Vice-President for Academic Affairs, Admissions and Records, Comptroller, Community Services, Public Information, Institutional Research and Assessment, and Computer Services. The College's Computer Center is located in the Administration Building with additional terminals located in the Library.

B. The ROUND BUILDING contains six lecture rooms. These lecture rooms accommodate from 50 to 150 students. Each is served by a multi-media backscreen projection audio-visual system.

C. The ACADEMIC BUILDING contains general classroom and special purpose rooms and laboratories for science and nursing.

D. The STUDENT CENTER houses the Office of Counseling and Testing, Department of Public Safety, laboratories and faculty offices for the School of Technology, the Dental Hygiene Clinic and laboratory, Student Lounge, Student Government Association and student publications offices, Bookstore, and dining facilities and grill service.

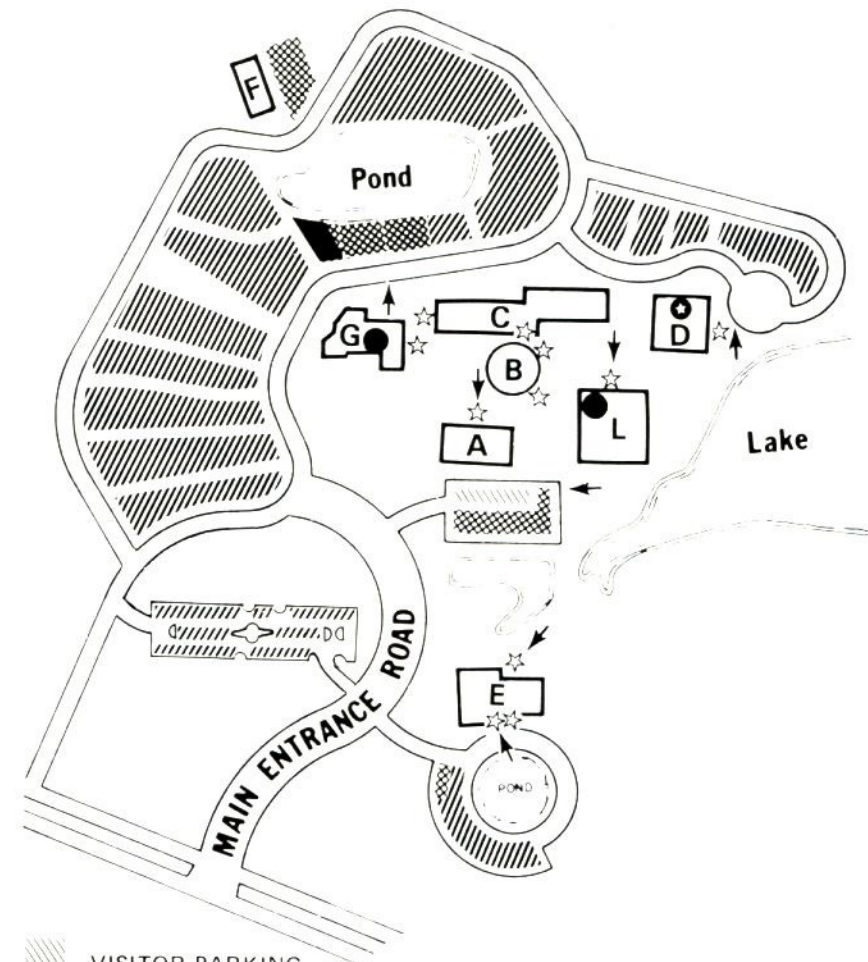
E. The PHYSICAL EDUCATION BUILDING contains instructional and activity areas for physical education, shower and locker rooms for men and women, and faculty offices. Included is a multi-use gymnasium, classroom space, a dance and music studio, and a lobby and exhibit area. The gymnasium includes two full-length basketball courts which serve students for indoor badminton, tennis, and volleyball, in addition to basketball. An isometric area and practice cages for golf and archery also are included. Playing fields for softball and baseball, tennis courts, and a putting green for golf are located adjacent to the building.

F. The MAINTENANCE BUILDING contains the offices of the Director of Plant Operations, and storage area for the College's inventory of operating supplies.

G. The CLASSROOM BUILDING includes specialized areas for music and art, and the College's modern 230-seat Lecture Hall.

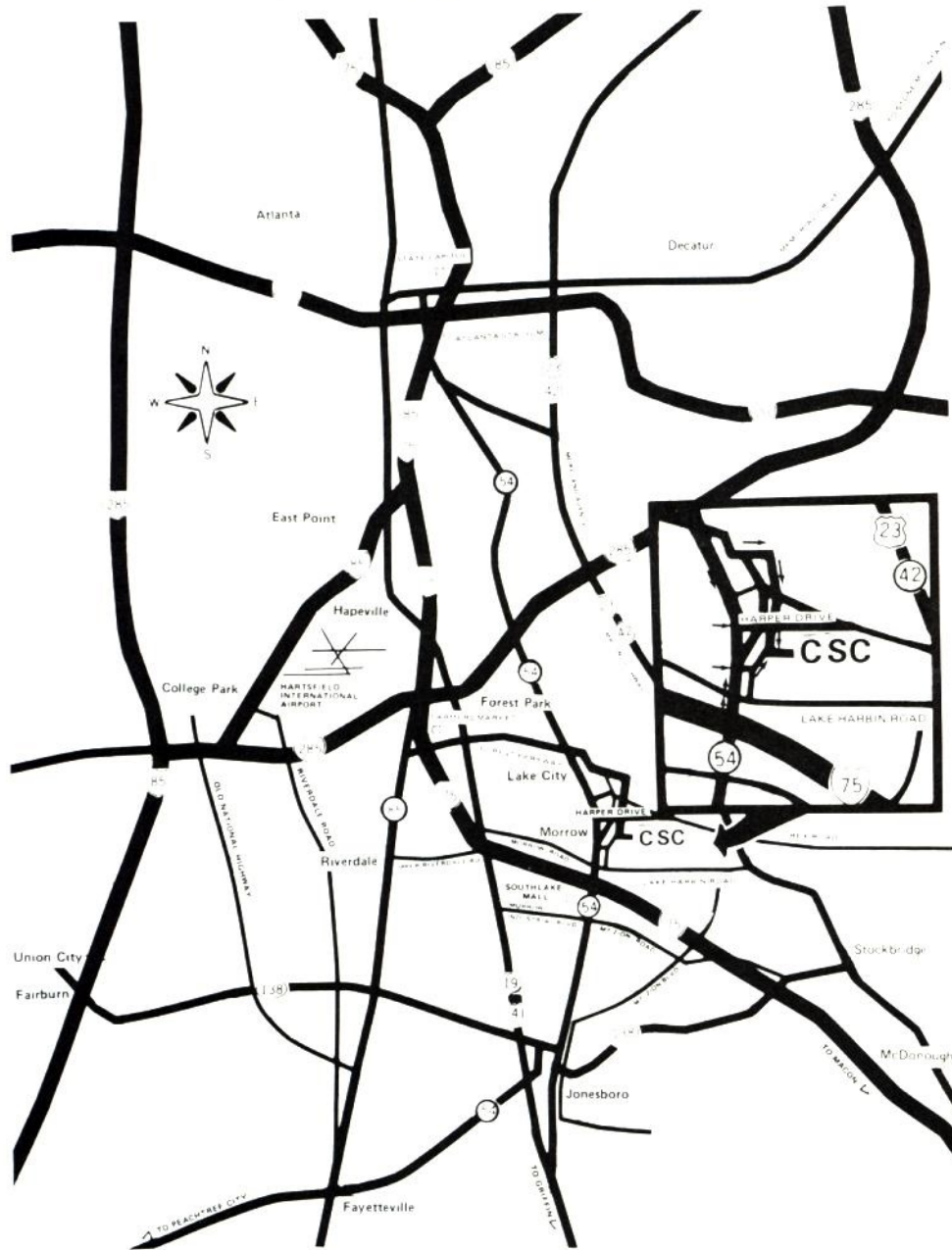
L. The LEARNING RESOURCES CENTER houses a variety of instructional services and resources. The two-story structure includes areas for library public services, technical services, and media services; and for videotape and closed-circuit or cable television. Also included is an area for the College's graphics arts and central duplicating services. Instructional areas for the Department of Developmental Studies, and office spaces for the head and faculty of Department of Developmental Studies are provided along with office spaces for the Director of Learning Resources and his staff.

Clayton State College Campus



- A - Administration Building
- B - Round Building
- C - Academic Building
- D - Student Center Building
- E - Physical Education Building
- F - Maintenance Building
- G - Classroom Building
- L - Learning Resources Center

CLAYTON STATE COLLEGE



A Senior College of The University System of Georgia

DEPARTMENT OF PUBLIC SAFETY

It is the purpose of the Department of Public Safety to assist the administration, faculty, students, and staff of Clayton State College to maintain a pleasant, safe, and orderly environment in which to work and to learn. To this end, it is the responsibility of this department to enforce the traffic rules and regulations of the College and to enforce local, state, and federal laws on campus in cooperation with appropriate law enforcement agencies. Violation of a local, state, or federal law by a student also may be a violation of the student conduct code as set down in the *Student Handbook*; in such a case, the violation will be referred to the Office of the Dean of Students in addition to the appropriate law enforcement agency.

CJC TELEPHONE GUIDE (Area 404)

College Information	961-3400
Admissions	961-3500
Academic Affairs, Vice-President of	961-3485
Arts and Sciences, School of	961-3460
Bookstore	961-3480
Business, School of	961-3410
Business Education	961-3578
Business Office	961-3525
Community Services	961-3550
Comptroller	961-3528
Computer Center	961-3490
Counseling & Testing	961-3515
Dean of Students	961-3510
Dental Hygiene Clinic	961-3441
Dental Hygiene, Department of	961-3440
Developmental Studies, Department of	961-3470
Financial Aid	961-3510
Food Services	961-3560
Health Sciences, School of	961-3450
Job Placement	961-3518
Library/Media-Learning Resources Center	961-3520
Maintenance/Receiving	961-3545
Nursing, Department of	961-3450
Physical Education	961-3465
Police and Public Safety	961-3540
Public Information	961-3535
President	961-3531
Registrar	961-3500
Student Activities	961-3510
Technology, School of	961-3415
Veterans Affairs	961-3510

NOTE: For GIST communications, substitute 220 for 961.

Cost: \$14,488

Quantity: 20,000

Clayton State College
Morrow, Georgia 30260

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