

**CARDIOVASCULAR TECHNOLOGY (0381)  
RECOMMENDED COURSES FOR CAREER  
ASSOCIATE OF APPLIED SCIENCE DEGREE PROGRAM**

This Associate of Science degree program is designed to prepare Cardiovascular Technologists who will assist in invasive and non-invasive cardiology settings. Cardiovascular Technologists are educated to intervene with clients experiencing alterations in health that affect the heart or blood vessels in the areas of diagnostic studies, treatment, client teaching and wellness promotion.

One class per year will be selected. Applicants are urged to submit their completed forms early. The Cardiovascular Technology Program has limited enrollment. Students are selected on the basis of SAT/ACT scores, college course grades, completion of required cardiovascular related coursework, and other qualifications related to academic and professional potential.

**Additional Admissions Requirements:**

1. Applicant must have completed admission to Darton College.
2. All required Learning Support courses must be completed.
3. A composite score of 870 or higher on the Scholastic Aptitude Test (SAT) or a composite score of 19 or higher on the American College Testing Service Assessment Test (ACT) **or** have a minimum of 2.00 ("C" average) on all college work previously taken, if any.
4. Complete the required prerequisite courses, BIOL 1100K, ENGL 1101, MATH 1111, ALHE 1120 and CVTE 1100 with a GPA of 2.0 or greater in the spring or have earned credit on 9 or more semester credit hours of general education courses including one science course required in the program achieving a grade point average of 2.50 or higher. The grade received in the science course must be a C or higher. (All science courses must be completed with a grade of C or higher.)
5. Submit proof of current American Heart Association Cardiopulmonary Resuscitation Certification (CPR.)
6. A minimum of a 2.0 GPA on previous course work completed within the last five years. If this course work is older than 5 years, it will be evaluated by the Program Director and may need to be repeated.
7. Proof of Hepatitis B immunization prior to first patient contact.
8. To comply with the requirements of cooperating clinical facilities, the Allied Health Division requires students to submit a completed health form. These forms will be provided upon enrollment in CVTE 1110.
9. To progress successfully through the curriculum and function as a practicing cardiovascular technologist after graduation, the individual must have:
  - a. Visual acuity with or without corrective lenses to identify cyanosis and absence of respiratory movement in a patient.
  - b. Hearing with or without auditory aids to understand the normal speaking voice without viewing the speaker's face (to ensure that the Cardiovascular Technician will be able to attend to a patient's call for help.)
  - c. Physical ability sufficient (minimal impairment of upper and lower extremities) to perform cardiopulmonary resuscitation;
  - d. Manual dexterity and visual acuity with corrective lenses to accurately draw up solutions in a syringe.
  - e. Speech sufficient to communicate with staff and patients in a timely manner. Refer to program handbook for complete information.

**Additional Program Requirements:**

1. Students must earn a "C" or better in all Science and Professional courses in order to progress to the next course in sequence. Any student with a "D" or "F" in one professional course will not be allowed to continue in the program. The student may reapply for readmission in the next class. Students seeking readmission will be evaluated by the Cardiovascular Technology program faculty to determine acceptability and placement in the program. Previously completed professional courses may be accepted or may need to be repeated at the discretion of the faculty. Students who have a "D" and/or "F" in more than one

Cardiovascular Technology course (this may be two different courses or the same course twice) will result in permanent dismissal from the program. A "WF" is considered "F". Students who fail a clinical practicum must repeat both the clinical and classroom courses covering that content.

2. Students are required to maintain a 2.0 cumulative GPA in order to graduate from the program and Darton College.
3. Students must maintain current Cardiopulmonary Resuscitation Certification throughout enrollment.
4. The Division of Allied Health reserves the right to discontinue, at any time, the enrollment of a Cardiovascular Technology student if, in the judgment of the Vice President for Academic Affairs and the Cardiovascular Technology program faculty, the student does not appear to have the necessary qualifications for a Cardiovascular Technology career.
5. Students are required to pass the Regents Test as a requirement for graduation as stated in the college catalog. Early testing is encouraged for those who qualify.
6. The student must abide by the policies and procedures of the Cardiovascular Technology Program as defined in the Program Handbook.
7. Students will have three attempts to successfully demonstrate competency of any skill taught in the laboratory or clinical practicums. Students unable to demonstrate competency after 3 attempts will fail the laboratory or clinical course and will not be allowed to progress in the program. Students may reapply according to the previously listed policies.
8. The faculty, staff, and students in health care programs shall uphold professional and ethical standards.
9. The student is expected to assume responsibility for his/her own health in the event of illness, accident or exposure to communicable disease in class, lab, and clinic.
10. Successful completion of 1,000 hours of clinical experience at selected clinical sites is required to graduate.

#### **Additional Costs and Requirements:**

1. Cardiovascular Technology students will be responsible for additional fees to cover the costs of uniforms, liability insurance and testing.
2. Professional liability insurance is required prior to clinical assignment. Fees will be assessed annually in the summer as part of the students Tuition and Fees.
3. Students are required to have approved uniforms, shoes, lab coat, stethoscope, and a watch capable of reading seconds.
4. Students will complete the American Heart Association ACLS course as they progress through the program. Fees for these courses are required at the time of the course.
5. Travel for practicums will be required. Students will be required to travel during the last two (2) semesters of the Cardiovascular Technology Program. Travel will, from time to time, require overnight stays in order to complete the required clinical rotation, therefore, the student should plan according to his/her personal needs. The student will be responsible for any costs relating to travel to and from practicum sites. Currently, the associated clinical facilities are throughout the Southeast. Many of the clinical facilities have agreed to provide housing at no cost to the student but housing is not guaranteed. **ONLY STUDENTS FROM DARTON COLLEGE OR OTHER TEACHING INSTITUTIONS ARE ALLOWED TO RESIDE IN THE STUDENT HOUSING.** Food and personal items while at the clinical facilities are the responsibility of the student. Financial assistance for these additional expenses cannot be guaranteed although every effort will be made to direct students with major financial problems. The Cardiovascular Technology Program faculty makes no guarantees regarding student travel.

**CARDIOVASCULAR TECHNOLOGY PROGRAM (0381)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR**  
**ASSOCIATE OF APPLIED SCIENCE DEGREE PROGRAMS**

**Freshman Year \*\*\*\***

<b>Summer Semester</b>		<b>Sem. Hrs.</b>
BIOL 1100K*	Human Anatomy & Physiology for the Health Care Professional	4
ENGL 1101	English Composition I	3
MATH 1111	College Algebra	3
CISM 1100	Computer Concepts & Software Applications	2
CVTE 1100	Introduction to Cardiovascular Technician	1
ALHE 1120	Medical Terminology	<u>1</u>
*BIOL 2111K & BIOL 2112K may be substituted for BIOL 1100K		14

**Fall Semester**

CHEM 1151K*	Survey of Chemistry I	4
CVTE 1110	Cardiovascular Pharmacology	3
CVTE 1115	Cardiopulmonary Anatomy & Physiology	3
CVTE 1118	Physics of Ultrasound	1
CVTE 1131	Patient Assessment	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	<u>3</u>
*CHEM 1211K & CHEM 1212K may be substituted for CHEM 1151K		17

**Spring Semester**

CVTE 1120	Non-Invasive Cardiology I	5
CVTE 1130	Invasive Cardiology I	5
RESP 2321	ACLS Prep Class	2
POLS 1101	American Government	<u>3</u>
		15

**Sophomore Year**

**Summer Semester**

CVTE 2110	Non-Invasive Cardiology II	5
CVTE 2115	Vascular I (*Elective*)	2
CVTE 2120	Invasive Cardiology II	5
PHED	Physical Education Fitness Competency**	2
COMM 1000	Cultural diversity in Communication	<u>2</u>
		14-16

**Fall Semester**

CVTE 2130 or	Non-Invasive Cardiovascular Practicum I or	
CVTE 2135	Invasive Cardiovascular Practicum I	<u>7</u>
		7

**Spring Semester**

CVTE 2140 or	Non-Invasive Cardiovascular Practicum II or	
CVTE 2145	Invasive Cardiovascular Practicum II	<u>8</u>
		8

Core Curriculum Total	28
CVTE Curriculum Total	<u>47</u>

**Two-Year Total** **75-77**

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

\*\*\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*\*\*It is recommended that students who must work or have heavy family obligations take most or all of their general education courses *before* entering the Cardiovascular Technology Program.

**CHEMISTRY (0006)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1113 or	Pre-Calculus or	3
MATH 1112	Trigonometry	

**Area B**

**Institutional Options - 4 hours**

See Area B of the Core Curriculum. Page 66.		4
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**Area C**

**Humanities/Fine Arts - 6 hours**

Literature Course	See Humanities/Fine Arts, page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Math and Technology - 12 hours**

Science Requirements		
CHEM 1211K and	Principles of Chemistry I and	8
CHEM 1212K	Principles of Chemistry II	
Math/Technology Requirement		
MATH 1151	Calculus I with Geometry	4

**Area E**

**Social Science - 12 hours**

HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
POLS 1101	American Government in World Perspective	3
Elective	See Area E Social Science courses, page 69.	3

**Area F**

**Courses Related to the Major - 18 hours**

Major Requirements		
CHEM 2240K	Principles of Organic Chemistry I	8
CHEM 2241K	Principles of Organic Chemistry II	
MATH 2252	Calculus II	4
Major Electives		
PHYS 2211K	Principles of Physics I	8
PHYS 2212K	Principles of Physics II	
MATH 2253	Calculus III	4

**Area G**

**Physical Education – (1 – 4 courses)\*\***

One course per semester of full-time enrollment with a maximum of 4 courses	<u>4-8</u>
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**Two-Year Total** **62-70**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

\*\*\* Secondary Education Chemistry Majors – see page 354.



**CHEMISTRY (0006)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
CHEM 1211K	Principles of Chemistry I	4
MATH 1113	Pre-Calculus	3
POLS 1101	American Government in World Perspective	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
MATH 1151	Calculus I with Geometry	4
CHEM 1212K	Principles of Chemistry II	4
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA E Elective	See Area E of the Core Curriculum, page 69.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		17-18
	<b>Summer Semester</b>	
CHEM 2240K	Principles of Organic Chemistry I	4
CHEM 2241K	Principles of Organic Chemistry II	<u>4</u>
		8
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
MATH 2252	Calculus II	4
PHYS 2211K	Principles of Physics I	4
COMM 1110	Public Speaking*	3
HIST 1111 or HIST 1112	Survey of World History I or Survey of World History II	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		15-16
	<b>Second Semester</b>	
MATH 2253	Calculus III	4
PHYS 2212K	Principles of Physics II	4
AREA C Literature	See Area C Literature courses, page 67.	3
HIST 2111 or HIST 2112	U.S. History Through 1877 or U.S. History After 1877	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		15-16
	<b>Two-Year Total</b>	<b>71-75</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

**COMPUTER INFORMATION SYSTEMS (0091)**  
**Business Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
CISM 2201	Fundamentals of Computer Applications	3
MATH 1111	College Algebra	3
PHSC 1012K	Introduction to Physical Science II	4
POLS 1101	American Government in World Perspective	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		17-18
	<b>Second Semester</b>	
CSCI 1300	Introduction to Computer Science	3
ENGL 1102	English Composition II	3
HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
PHSC 1011K	Introduction to Physical Science I	4
PSYC 1101	General Psychology	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		17-18
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ACCT 2101	Principles of Accounting I	3
COMM 1110	Public Speaking*	3
CSCI 1301	Computer Science I	4
AREA C Literature	See Area C Literature courses, page 67.	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
	<b>Second Semester</b>	
ACCT 2102	Principles of Accounting II	3
MATH 2205	Introduction to Statistics	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	2
Elect 3-4 hours from the following:		3-4
COPR 2244	Introduction to Networking	4
CSCI 1302	Computer science II	4
CSCI 1150	Computer Programming in Visual Basic	3
		16-17
	<b>Two-Year Total</b>	<b>67-71</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.



**COMPUTER INFORMATION SYSTEMS (0091)**  
**Business Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 Hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
The following course is recommended but other Area A courses are allowed. See page 65.		
MATH 1111	College Algebra	3

**Area B**

**Institutional Options - 4 Hours**

See Area B of the Core Curriculum.	Page 66.	4
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**Area C**

**Humanities And The Fine Arts - 6 Hours**

Literature Course	See Humanities/Fine Arts, page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Mathematics, And Technology - 11 Hours**

The following courses are recommended, but other Area D courses are allowed. See page 68.		
PHSC 1011K	Introduction to Physical Science I	4
PHSC 1012K	Introduction to Physical Science II	4
MATH 2205	Introduction to Statistics	3

**Area E**

**Social Science - 12 Hours**

HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
HIST 2111 or	U. S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
POLS 1101	American Government in World Perspective	3
The following course is recommended, but other area E courses are allowed. See page 69.		
PSYC 1101	General Psychology	3

**Area F**

**Courses Related To The Major – 19-20 Hours**

ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
CSCI 1300	Introduction to Computer Science	3
Computer science elective (3-4 hours) from the following:		
CSCI 1301 or	Computer Science I or	4
CSCI 1302 or	Computer Science II or	
CSCI 1150	Computer Programming in Visual Basic	
Optional Electives (6-8 hours) from the following:		
CISM 2201 or	Fundamentals of Computer Applications or	3
CSCI 1301 or	Computer Science I or	4
CSCI 1302 or	Computer Science II or	4
CSCI 1150 or	Computer Programming in Visual Basic or	3
COPR 2244 or	Introduction to Networking or	4
MATH 2205	Introduction to Statistics	3

**Area G**

**Physical Education – (1 – 4 courses)\*\***

5-8

One course per semester of full-time enrollment  
with a maximum of 4 courses

**Two-Year Total**

**67-71**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

**COMPUTER SCIENCE (0041)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1113 or MATH 1112	Pre-Calculus or Trigonometry	3

**Area B**

**Institutional Options - 4 hour s**

CISM 1100	Computer Concepts and Software	2
See Area B of the Core Curriculum. Page 66.		2

**Area C**

**Humanities/Fine Arts - 6 hours**

Literature Course	See Humanities/Fine Arts page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Math and Technology - 11 hours**

Science Requirements		
PHYS 1111K and PHYS 1112K or PHYS 2211K and PHYS 2212K	Introductory Physics I and Introductory Physics II or Principles of Physics I and Principles of Physics II	8
Math/Technology Requirement		
MATH 1151	Calculus I with Geometry	4

**Area E**

**Social Science - 12 hours**

HIST 1111 or HIST 1112	Survey of World History I or Survey of World History II	3
HIST 2111 or HIST 2112	U.S. History Through 1877 or U.S. History After 1877	3
POLS 1101	American Government in World Perspective	3
Elective	See Area E Social Science courses, page 69.	3

**Area F**

**Courses Related to the Major - 18 hours**

Major Requirements		
CSCI 1300	Introduction to Computer Science	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4
MATH 2252	Calculus II	4
Major Electives		
MATH 2253	Calculus III	4
COPR 2235	Database Management Systems	3
COPR 2244	Introduction to Networking	4
COPR 2281	Cisco I: Networking Basics	5
COPR 2290	UNIX	2
MATH 2218	Linear Algebra	3

**Area G**

**Physical Education – (1 – 4 courses)\*\***

4-8

One course per semester of full-time enrollment  
with a maximum of 4 courses

**Two-Year Total**

**64-70**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

**COMPUTER SCIENCE (0041)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
MATH 1113	Pre-Calculus	3
POLS 1101	American Government in World Perspective	3
CISM 1100	Computer Concepts and Software	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		15-16
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
MATH 1151	Calculus I with Geometry	4
CSCI 1300	Introduction to Computer Science	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
MATH 2252	Calculus II	4
PHYS 2211K	Principles of Physics I	4
CSCI 1301	Computer Science I	4
COMM 1110	Public Speaking*	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
	<b>Second Semester</b>	
MATH 2253 or	Calculus III or	
COPR 2235 or	Database Management Systems or	
COPR 2244 or	Introduction to Networking or	
COPR 2281	Cisco I: Networking Basics	3-5
PHYS 2212K	Principles of Physics II	4
CSCI 1302	Computer Science II	4
AREA C Elective	See Area C of the Core Curriculum, page 67.	3
AREA E Elective	See Area E of the Core Curriculum, page 69.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		17-21
	 <b>Two-Year Total</b>	 <b>64-71</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

**CRIMINAL JUSTICE (0019)**  
**Social Science Division**

**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

This degree program is also available as an online degree program. See the description of the online program of study at <http://online.darton.edu/degrees>

**Area A**

**Essential Skills - 9 Hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1001 or	Quantitative Skills and Reasoning or	
MATH 1111	College Algebra or higher math	3

**Area B**

**Institutional Options - 4 Hours**

See Area B of the Core Curriculum.	Page 66.	4
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**Area C**

**Humanities And The Fine Arts - 6 Hours**

Literature Course	See Humanities/Fine Arts page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Mathematics, And Technology - 11 Hours**

Lab Science	See Area D Lab Science courses, page 68.	8
Mathematics/ Technology	See Area D Mathematics/Technology courses. Page 68.	3
The following course is recommended but other Area D courses are allowed:		
MATH 2205	Introduction to Statistics	3

**Area E**

**Social Science - 12 Hours**

HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
POLS 1101	American Government in World Perspective	3
The following course is recommended, but other Area E courses are allowed. See page 69.		
SOCI 1101	Principles of Sociology	3

**Area F**

**Courses Related To The Major - 18 Hours**

CRJU 1100	Introduction to Criminal Justice	3
CRJU 2205	Introduction to Criminal Law	3
CRJU 2215	Introduction to Criminology	3
CRJU 2230	Introduction to Corrections	3
Optional Electives (6 hours) from the following		
ACCT 2101 or	Principles of Accounting I or	3
ACCT 2102 or	Principles of Accounting II or	3
ECON 2105 or	Principles of Macroeconomics or	3
ECON 2106	Principles of Microeconomics	3
CRJU 1110	Criminal Justice Management and Supervision	3
CRJU 2240	Budgeting/Grant Mgmt. for CJ Managers	3
OCEX 2290	Occupational Experience	1-3
PHIL 2210 or	Ethics or	3
PUAD 2601 or	Introduction to Public Administration or	3
SOCI 1160 or	Introduction to Social Problems or	3
ANTH 1103	Introduction to Cultural Anthropology	3
POLS 2301 or	Introduction to Comparative Politics or	3

POLS 2201	American State & Local Government	3
POLS 2401	Introduction to Global Issues	3
PSYC 1101 or	General Psychology or	3
PSYC 2215 or	Human Growth & Development or	3
PSYC 2225	Introduction to Abnormal Psychology	3

**Area G**

**Physical Education – (1 – 4 courses)\*\*** 4-8

One course per semester of full-time enrollment  
with a maximum of 4 courses

**Two-Year Total** **64-68**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

**CRIMINAL JUSTICE (0019)**  
**Social Science Division**

**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

This degree program is also available as an online degree program. See the description of the online program of study at <http://online.darton.edu/degrees>

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	Composition I	3
MATH 1001 or MATH 1111	Quantitative Skills and Reasoning or College Algebra or higher math	3
AREA D Lab Science	See Area D Lab Science courses, page 68.	4
HIST 2111 or HIST 2112	U.S. History Through 1877 or U.S. History After 1877	3
CRJU 1100	Introduction to Criminal Justice	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		17-18
	<b>Second Semester</b>	
ENGL 1102	Composition II	3
AREA D Lab Science	See Area D Lab Science courses, page 68.	4
The following course is recommended, but other Area D Math/Technology courses are allowed. See page 68.		
MATH 2205	Introduction to Statistics	3
SOCI 1101	Principles of Sociology	3
CRJU 2205	Introduction to Criminal Law	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		17-18
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
COMM 1110	Public Speaking*	3
POLS 1101	American Government in World Perspective	3
CRJU 2230	Introduction to Corrections	3
AREA F Elective	See Area F Courses Related to the Major, page 131.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		15-16
	<b>Second Semester</b>	
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA C Literature	See Area C Literature courses, page 67.	3
HIST 1111 or HIST 1122	Survey of World History I or Survey of World History II	3
CRJU 2215	Introduction to Criminology	3
AREA F Elective	See Area F Courses Related to the Major, page 131.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		15-16
	<b>Two-Year Total</b>	<b>64-68</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.



**CRIMINAL JUSTICE MANAGEMENT OPTION (4586)**  
**Social Science Division**  
**RECOMMENDED COURSES FOR**  
**CERTIFICATE PROGRAM**

The Criminal Justice Management Certificate Option is designed to provide criminal justice managers and supervisors a unique combination of management and criminal justice theory combined with specific requisite skills that are necessary to become effective managers and supervisors in today's highly technical and complex criminal justice system. A Certificate is awarded upon completion.

<b>Fall Semester</b>		<b>Sem. Hrs.</b>
BUSA 2200	Principles of Management	3
BUSA 2215	Principles of Human Resources Management	3
CRJU 1100	Introduction to Criminal Justice	3
ENGL 1101	English Composition I	3
COMM 1110	Public Speaking*	3
		12
<b>Spring Semester</b>		<b>Sem. Hrs.</b>
CRJU 2205	Introduction to Criminal Law	3
CRJU 2215	Introduction to Criminology	3
CISM 2201	Fundamentals of Computer Applications	3
Elective**	CRJU/BUSA**	3
		12
<b>Summer Semester</b>		<b>Sem. Hrs.</b>
CRJU 1110	Criminal Justice Management and Supervision	3
		3
<b>One Year Total</b>		<b>30</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*Elective must be approved by Criminal Justice faculty advisor.

**CRIMINAL JUSTICE TECHNOLOGY (0591)**  
**(Pending BOR Approval)**  
**Social Science Division**  
**RECOMMENDED COURSES FOR**  
**CERTIFICATE PROGRAM**

The Criminal Justice Technology Certificate Option is designed to provide graduates with a foundation in Criminal Justice along with specialized training in computer forensics. The program is appropriate for (1) those currently employed in law enforcement who want to increase their skills and value to their organizations and (2) students who aspire to criminal justice occupations and wish to have skills that set them apart from other candidates. After completing this certificate, students may choose to continue their studies by enrolling in the Associate of Science program in Criminal Justice with eventual transfer to a four-year college.

	<b>Fall Semester</b>	<b>Sem. Hrs.</b>
CISM 2201	Fundamentals of Computer Applications	3
CRJU 1100	Introduction to Criminal Justice	3
CRJU 2230	Introduction to Corrections	3
Optional Elective (3 hours) from the following		
CRJU 2240	Budgeting/Grant Management for CJ Managers	3
OCEX 2290	Occupational Experience	1-3
SOCI 1101	Introduction to Sociology	3
PSYC 1101	General Psychology	3
		12
	<b>Spring Semester</b>	
COPR 2250	Computer Systems Support I	3
COPR 2251	Computer Systems Support II	3
CRJU 2205	Introduction to Criminal Law	3
CRJU 2215	Introduction to Criminology	3
		12
	<b>Summer Semester</b>	
COPR 2321	Basic Principles of network Security	3
COPR 2334	Computer Forensics	3
		6
	<b>One-Year Total</b>	<b>30</b>

**DANCE (0077)**  
**Humanities Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF ARTS DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 Hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1001 or MATH 1111	Quantitative Skills and Reasoning or College Algebra or higher math	3

**Area B**

**Institutional Options - 4 Hours**

Course not yet approved		
FIAR 2100	The Body and Motion	2
The following courses are recommended, but other Area B courses are allowed. See Page 66.		
COMM 1000 or COMM 1110 or COMM 1111	Cultural Diversity in Communication or Public Speaking* or Issues in Argumentation and Advocacy	2-3
PHIL 1101	Critical Thinking	2

**Area C**

**Humanities And The Fine Arts - 6 Hours**

Literature	See Area C Literature courses, page 67.	3
Humanities/Fine Arts	See Area C Humanities/Fine Arts courses, page 67.	3

**Area D**

**Science, Mathematics, And Technology - 11 Hours**

Lab Science	See Area D Lab Science courses, page 68.	8
The following course is recommended, but other Area D Math/Technology courses are allowed. See page 68.		
MATH 2205	Introduction to Statistics	3

**Area E**

**Social Science - 12 Hours**

POLS 1101	American Government in World Perspective	3
HIST 2111 or HIST 2112	U. S. History Through 1877 or U. S. History After 1877	3
HIST 1111 or HIST 1112	Survey of World History I Survey of World History II	3
The following course is recommended, but other Area E Social Science courses are allowed. See page 69.		
ANTH 1103	Introduction to Cultural Anthropology	3

**Area F**

**Courses Related To The Major - 18 Hours**

Choose 18 hours from the following:		
DANC 1500	Introduction to Dance	2
DANC 1600	Dance Improvisation	1
DANC 1700	Modern Dance History	2
DANC 1740	Modern Dance I	1
DANC 1750	Modern Dance II	1
DANC 1800	Ballet History & Performance	3
DANC 1840	Ballet Technique I	1
DANC 1850	Ballet Technique II	1
DANC 1900	Dance Composition	2
Courses not yet approved:		

DANC 1760	Modern Dance III****	1
DANC 1860	Ballet III****	1
DANC 1400	Technical Theatre for dancers	2

**Area G**

**Physical Education – (1 – 4 courses)\*\*** 4-8

One course per semester of full-time enrollment  
with a maximum of 4 courses

**Two-Year Total** **64-69**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

\*\*\*A B.A. degree at some institutions in the University System of Georgia requires foreign language credit through the intermediate level. A B.S. degree at some institutions in the University System of Georgia requires foreign language through the first intermediate course.

\*\*\*\*Dance majors must successfully pass either DANC 1760 or DANC 1860 with a grade of (B) or higher to graduate with an AA in Dance.

DANC 1740, 1750, 1760, 1840, 1850, 1860 may be repeated for credit. A total of 6 credits must be in technique.

DANC 1740 and DANC 1840 are open to majors, non-majors, and continuing education students. These may also be used as PE activity courses in fulfillment of Area G requirements for non-dance majors.

**DANCE (0077)**  
**Humanities Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF ARTS DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	Composition I	3
MATH 1001 or MATH 1111	Quantitative Skills and Reasoning or College Algebra or higher math	3
DANC 1500	Introduction to Dance	2
DANC 1600	Improvisation	1
DANC 1740	Modern I	1
DANC 1800	Ballet History and Performance	3
The following courses are recommended, but other Area B courses are allowed. See Page 66.		
COMM 1000 or COMM 1110 or COMM 1111	Cultural Diversity in Communication or Public Speaking* or Issues in Argumentation and Advocacy	2-3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u> 16-18
<b>Second Semester</b>		
ENGL 1102	Composition II	3
DANC 1700	Modern Dance History	2
DANC 1740	Modern Dance I or	
DANC 1750	Modern Dance II	1
DANC 1840	Ballet I or	
DANC 1850	Ballet II	1
DANC 1900	Dance Composition	2
FIAR 2250	Humanities Through the Arts	3
HIST 2111 or HIST 2112	U.S. History Through 1877 or U.S. History After 1877	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u> 16-17
<b>Sophomore Year</b>		
<b>First Semester</b>		
AREA D Lab Science	See Area D Lab Science courses, page 68.	4
HIST 1111 or HIST 1122	Survey of World History I or Survey of World History II	3
DANC 1400	Technical Theatre for Dancers****	2
DANC 1740	Modern Dance I or	
DANC 1750	Modern Dance II or	
DANC 1760	Modern Dance III ****	1
DANC 1840	Ballet I or	
DANC 1850	Ballet II or	
DANC 1860	Ballet III****	1
PHIL 1101	Critical Thinking	2
The following course is recommended, but other Area E Social Science courses are allowed. See page 69.		
ANTH 1103	Introduction to Cultural Anthropology	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u> 17-18

### Second Semester

The following course is recommended, but other Area D Math/Technology courses are allowed.

See Page 68.

MATH 2205	Introduction to Statistics	3
POLS 1101	American Government in World Perspective	3
DANC 1760	Modern III or ****	
DANC 1860	Ballet III ****	1
AREA C Literature	See Area C Literature courses, page 67.	3
AREA D Elective	See Area D Lab Science courses, page 68.	4
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		15-16

### Two-Year Total

**64-69**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

\*\*\*A B.A. degree at some institutions in the University System of Georgia requires foreign language credit through the intermediate level. A B.S. degree at some institutions in the University System of Georgia requires foreign language through the first intermediate course.

\*\*\*\*Dance majors must successfully pass either DANC 1760 or DANC 1860 with a grade of (B) or higher to graduate with an AA in Dance.

DANC 1740, 1750, 1760, 1840, 1850, 1860 may be repeated for credit.

DANC 1740 and DANC 1840 are open to majors, non-majors, and continuing education students. These may also be used as PE activity courses.

## **ASSOCIATE OF SCIENCE DEGREE PROGRAMS ALLIED HEALTH DIVISION**

Additional requirements for all students in the Allied Health Division:

1. Evidence of professional liability insurance must be provided to the Program Director prior to placement in a clinical assignment.
2. Students are financially responsible for all expenses related to any illness, accident or exposure to communicable diseases either in a laboratory or clinical setting.
3. Students must show evidence of Hepatitis B vaccine immunization status according to program guidelines.
4. Students will be expected to follow the health policies of the institution(s) where they are assigned for their clinical placements.
5. Students will be required to purchase any uniforms, name tags, uniform patches, shoes, etc. required for their specific clinical placements.

Individual programs may have additional program specific costs and fees. The student is advised to check with the appropriate program to obtain a complete list of these additional expenses.

### **DENTAL HYGIENE (0355) RECOMMENDED COURSES FOR CAREER ASSOCIATE OF SCIENCE DEGREE PROGRAM**

The program in Dental Hygiene is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of approval. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (312)440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

#### **Additional Admission Requirements:**

1. Official college transcripts, plus official high school transcripts, if fewer than 30 semester hours of college work have been completed.
2. SAT I (or equivalent ACT) scores for Dental Hygiene are encouraged, but not required for admission. If no scores are presented, or if presented and if less than 430 verbal and 400 quantitative on the SAT I (less than 19 English and 18 mathematics on the ACT), the student must take the Collegiate Placement Examination (CPE) or COMPASS test. See page 17.
3. Students requiring Learning Support must complete the Learning Support coursework prior to admission to the Dental Hygiene program.
4. Application to and evaluation on an individual basis by the Dental Hygiene Admissions Committee.
5. A minimum of a 2.0 GPA on previous coursework.
6. Anatomy and Physiology course work completed within the last ten years. If this course work is older than 10 years, it will be evaluated by the Program Director.
7. Proof of Hepatitis B immunization prior to first patient contact.
8. Proof of CPR Certification - American Heart Association Healthcare Provider Card prior to first patient contact.
9. To progress successfully through the curriculum and function as a practicing dental hygienist after graduation, the individual must have:
  - a. Visual acuity with or without corrective lenses to read an instrument calibrated in mm and to detect subtle dental stains;
  - b. Hearing with or without auditory aids to measure blood pressure using an aneroid sphygmomanometer and to obtain a medical/dental history by interview;
  - c. Physical ability to operate equipment (unit, stool, x-ray machine, etc.);
  - d. Manual dexterity to perform the fine motor functions associated with intra-oral instrumentation.

10. Please note that admission to Dental Hygiene is competitive and is based on the academic qualifications of the current applicant pool.

**Readmission of Returning Students:**

Any student who must interrupt enrollment must re-apply to the Dental Hygiene Program and, if accepted, placement will be determined after previous course work has been evaluated by the Program Director. The evaluation may result in repeating a course previously completed successfully for continuity of skill acquisition and/or professional knowledge. Dental Hygiene courses more than two years old must be repeated. Students who fail a Dental Hygiene clinical course must repeat both the clinical course and the concurrent lecture course.

**Additional Costs and Requirements:**

Dental Hygiene students will be responsible for additional fees for uniforms, instruments, liability insurance and membership in the Student American Dental Hygienists' Association. Additional costs will be incurred for licensure.

**Additional Graduation Requirements:**

In addition to College graduation requirements, the students must have a grade of C or better in all dental hygiene courses.

The Dental Hygiene Program reserves the right to discontinue, at any time, the enrollment of a Dental Hygiene student, if, in the judgment of the Vice President for Academic Affairs and the Dental Hygiene faculty, the student does not appear to have the necessary qualifications for dental hygiene. More than one D or F in the Dental Hygiene courses will result in permanent dismissal from the program.

**For additional Allied Health Division policies that apply to this program, please refer to page 50, Section Q of the college catalog.**



**DENTAL HYGIENE PROGRAM (0355)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR CAREER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAM**

<b>Prerequisites</b>		<b>Sem. Hrs.</b>
BIOL 1100K	Human Anatomy and Physiology for The Health Care Professional	4
<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
<b>CHEM 1151K</b>	Survey of Chemistry I	4
DHYG 1101	Orofacial Anatomy	4
DHYG 1121	Dental Hygiene Lecture I	3
DHYG 1131	Dental Hygiene Clinic I	2
<b>ENGL 1101</b>	English Composition I	<u>3</u>
		16
	<b>Second Semester</b>	
<b>BIOL 2115K</b>	Essentials of Microbiology	4
DHYG 1110	Nutrition	1
DHYG 1114	Radiology	3
DHYG 1122	Dental Hygiene Lecture II	2
DHYG 1132	Dental Hygiene Clinic II	3
<b>ENGL 1102</b>	English Composition II	<u>3</u>
		16
	<b>Summer Semester</b>	
DHYG 1133	Dental Hygiene Clinic III	2
DHYG 2100	Periodontics	2
DHYG 2550	Dental Specialties and Materials	<u>2</u>
		6
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
DHYG 2150	Pharmacology	2
DHYG 2210	Dental Hygiene Lecture IV	1
DHYG 2250	General and Oral Pathology	3
DHYG 2310	Dental Hygiene Clinic IV	4
MATH 1105	Fundamentals of Laboratory Clinical Mathematics	1
<b>PSYC 1101</b>	General Psychology	3
<b>COMM 1000</b>	Cultural Diversity in Communication	<u>2</u>
		16
	<b>Second Semester</b>	
DHYG 2220	Dental Hygiene Lecture V	1
DHYG 2320	Dental Hygiene Clinic V	4
DHYG 2400	Community Dental Health	3
<b>HIST 2111 or</b>	U. S. History Through 1877 or	3
<b>HIST 2112</b>	U. S. History After 1877	3
<b>POLS 1101</b>	American Government in World Perspective	3
<b>SOCI 1101</b>	Principles of Sociology	<u>3</u>
		17
 <b>Two-Year Total</b>		 <b>71</b>

**PLEASE NOTE:**

- (1) Courses in **bold** print **MAY** be taken prior to acceptance into the program.
- (2) Anatomy and Physiology **MUST** be taken prior to acceptance into the program.

**DIAGNOSTIC MEDICAL SONOGRAPHY (0094)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1113 or	Pre-Calculus or	3
MATH 1112	Trigonometry	

**Area B**

**Institutional Options - 4 hours**

See Area B of the Core Curriculum. Page 66.	4
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**Area C**

**Humanities/Fine Arts - 6 hours**

Literature Course	See Humanities/Fine Arts page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Math and Technology - 11 hours**

Science Requirements		
PHYS 1111K and	Introductory Physics I and	8
PHYS 1112K or	Introductory Physics II or	
PHYS 2211K and	Principles of Physics I and	
PHYS 2212K	Principles of Physics II	
Math/Technology Requirement		
MATH 1151	Calculus I with Geometry	4

**Area E**

**Social Science - 12 hours**

HIST 1111 or	Survey of World History I	3
HIST 1112	Survey of World History II	
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
POLS 1101	American Government in World Perspective	3
Elective	See Area E Social Science courses, page 69.	3

**Area F**

**Courses Related to the Major - 18 hours**

Major Requirements		
BIOL 2111K and	Human Anatomy & Physiology I and	8
BIOL 2112K	Human Anatomy & Physiology II	
Major Electives		
CHEM 1211K	Principles of Chemistry I	8
CHEM 1212K	Principles of Chemistry II	
BIOL 1107K	Principles of Biology I	4
BIOL 1108K	Principles of Biology II	

**Area G**

**Physical Education – (1 – 4 courses)\*\***

One course per semester of full-time enrollment with a maximum of 4 courses	<u>4-8</u>
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**Two-Year Total**

**67-71**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

**DIAGNOSTIC MEDICAL SONOGRAPHY (0094)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
CHEM 1211K	Principles of Chemistry I	4
MATH 1113	Pre-Calculus	3
POLS 1101	American Government in World Perspective	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
CHEM 1212K	Principles of Chemistry II	4
MATH 1151	Calculus I with Geometry	4
HIST 1111 or HIST 1112	Survey of World History I or Survey of World History II	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		17-18
<b>Summer Semester</b>		
BIOL 1107K	Principles of Biology I	4
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
BIOL 2111K	Human Anatomy & Physiology I	4
PHYS 1111K	Introductory Physics I	4
COMM 1110	Public Speaking*	3
HIST 2111 or HIST 2112	U.S. History Through 1877 or U.S. History After 1877	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		15-16
	<b>Second Semester</b>	
BIOL 2112K	Human Anatomy & Physiology II	4
PHYS 1112K	Introductory Physics II	4
AREA C Literature	See Area C Literature courses, page 67.	3
AREA E Elective	See Area E of the Core Curriculum, page 69.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		15-16
	<b>Two-Year Total</b>	<b>67-71</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

**DIAGNOSTIC MEDICAL SONOGRAPHY (0382)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR CAREER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**APPLICATION DEADLINE**

Completed application forms must be RECEIVED NO LATER THAN JUNE 1<sup>st</sup>, of each year. The application is completed only when all the information requested is received. Students are responsible for making sure their application is complete.

**PROCEDURES AND REQUIREMENTS FOR**  
**ADMISSION TO THE DMS PROGRAM**

1. Meet all of Darton College's acceptance requirements.
2. Overall GPA of 2.5 or greater on a 4.0 scale or a minimum of 19 on the ACT.
3. Completion of a DMSP application.
4. Application deadline is June 1<sup>st</sup> every year.
5. Submit 3 recommendation forms.
6. Completion of the following pre-DMSP course requirements with a grade of "C" or better before B-Term Summer Semester begins.

1. College Algebra
2. English I
3. Medical Terminology
4. Introduction to Physical Science I or any College Physics course
5. Anatomy and Physiology for the Health Care Provider (**be aware this course may not transfer**).

Anatomy and Physiology I **and** II may be taken in lieu of Anatomy and Physiology for the Health Care Provider.

Students that have chosen to take Anatomy and Physiology I **and** II may be accepted with the following conditions:

Complete Anatomy and Physiology I **and** II with a grade of "C" or better before the application deadline.

Complete Anatomy and Physiology I with a grade of "C" or better before the application deadline **with the condition that Anatomy and Physiology II will be completed before the Freshman Spring Semester with a grade of "C" or better. Failure to complete this course in the designated time frame or failure to complete this course with a grade of "C" or better will disqualify the student and an alternate will be chosen.**

**OR**

Completion of a JRCERT accredited two or four year Radiologic Technology Program. Completion of requirements 1-5 along with the following pre-DMSP courses completed **before** the Freshman Spring Semester begins.

**While the DMS Program will accept courses from a Radiologic Technology Program, they are for selection purposes only (unless they are accepted as College transferable). An official transcript must be sent to the DMSP office (as well as the Darton College Admissions Office if they are to be considered for transfer).**

**Acceptance based upon this criterion requires that the student must complete the following pre-DMSP course work before the Freshman Spring**

**Semester with a grade of “C” or better. Failure to complete these courses in the designated time frame or failure to complete these courses with a grade of “C” or better will disqualify the student and an alternate will be chosen.**

To accept a pre-DMSP course for selection purposes from a Radiologic Technology Program the student must have the same or a compatible course as part of their curriculum.

This determination will be made at the discretion of the program director.

## **SELECTION PROCESS**

Due to limited clinical placements we are accepting 11 students and an alternate at this time for each year's class.

**Points in the selection process will be awarded as follows:**

1. Three (3) recommendation forms. Each form can count up to 65 points.
2. The combined GPA of the pre-DMSP courses. Students admitted under the Radiologic Technology guidelines will be given points for all pre-DMSP comparable course work taken during their program. These courses and grades must be documented by an official transcript sent to the DMSP office.

**Consideration and additional points may be given to those students that have:**

1. Provided documentation of a degree in an Allied Health Field, Science or Biology that is directly related to patient care. Each degree can count up to ten points.
2. Provided documentation of a certificate in a health area that is directly related to patient care. Each certificate can count up to ten points.
3. Provided documentation of work experience in a health care environment that is directly related to patient care. This documentation can count up to 10 points.

Documentation of work experience:

1. Must be on company letter head.
  2. A minimum of 6 months work experience.
  3. Provide a description of job duties that demonstrate hands on patient experience.
4. Provided documentation of 40 hours of volunteer work in a health care environment. This documentation can count up to ten points.  
Documentation of volunteer work experience:
    1. Must be on company letter head.
    2. A minimum of 40 hours.
    3. Provide a description of job duties.
  5. Completed core course work can count up to 10 points.

**An interview with the program director and/or the DMS committee will be required of the students with completed application packets and meeting all criteria for the program.**

## **SELECTION NOTIFICATION**

Letters of selection, alternate status, or non acceptance will be sent out following the selection process. The selection process takes place at the end of A-Term Summer Semester every year.

Selected students must confirm their intent to enroll in writing, within 10 days after the post marked date of their acceptance letter. A student that fails to respond in the appropriate time will forfeit their position. Alternate students may take the Introduction to Diagnostic Medical Sonography course. The alternate student's inclusion in this course **does not mean** acceptance into the DMS Program unless a selected student resigns or

loses his or her position.

Upon acceptance into the DMS Program students must provide a **certification of medical examination form, student physical and mental health self evaluation form along with immunization documentation including the first Hepatitis vaccination (all forms must be current within one year and must be in the DMSP office no later than September 1<sup>st</sup> following your selection)**. Failure to provide this documentation will lead to dismissal from the program and an alternate will be chosen to replace you. You may provide this information before notification of selections.

### **PREGNANCY POLICY**

Any student that is pregnant or becomes pregnant while in the Diagnostic Medical Program should consider the following:

- 1) Exposure to communicable diseases. As a student you may be exposed to many communicable diseases such as rubella and the hepatomegaly virus which are a serious danger to the developing fetus. It is the pregnant student's responsibility to avoid those patients that may put them at risk.
- 2) Students are at risk to radiation exposure while performing certain ultrasound exams. Pregnant students must protect themselves and their baby by using lead aprons and avoiding all radiation until after the first trimester.
- 3) If the students' medical condition limits their ability to continue in the program they may withdraw and continue with the next class beginning with the course or courses dropped. Missed clinical time over the 3 days allowed may be made up but may also delay the student's graduation.

All prerequisite courses must have a grade of "C" or better to be admitted into the program. All DMSP courses along with CVTE 1118, and ALHE 1115 must have a grade of "C" or better to continue in the program.

Allied Health Division  
2400 Gillionville Rd.  
Albany, GA 31707-3098

DMS program telephone (229) 317-6986.

DMS program office is in building J Room 249.

Allied Health Telephone # (229) 317-6900.

### **RE-ADMISSION OF RETURNING STUDENTS**

Any student who fails a DMS course will not be allowed to continue onto the next semester of DMS courses. If this is the student's first failure, the student may reapply to the DMS program for the following year. If the student fails for a second time, or fails more than one DMS course, it will result in permanent dismissal from the DMS program without chance of re-admission.

**For additional Allied Health Division policies that apply to this program, please refer to page 50, Section Q of the college catalog.**

## **PROJECTED COSTS**

1. Darton College application fee is a non-refundable \$20.00.
2. Georgia state resident per semester with 12 credit hours or more \$802.00. Less than 12 credit hours \$68.00 per semester hour.
3. Non-resident fee (this is in addition to all other fees). 12 or more semester hours \$3,206. Less than 12 hours \$268.00 per semester hour.
4. Late registration fee \$25.00. See Catalog for further information.
5. Laboratory fee is \$10.00 for classes such as Biology, Chemistry, Physical Science or Physics.
6. Information Technology fee \$48.00 (see catalog for explanation).
7. Student services fee: \$42.00 per semester
8. Books: Full time students can expect to pay \$350.00 for books and supplies for one semester. It is estimated that the books for all the DMS classes will be less than \$800.00.
9. Uniforms are required for clinical rotations. Uniforms will consist of scrub pants, a scrub shirt, white lab coat and white shoes. Estimated cost for one uniform is \$30.00 and one lab coat is \$25.00.
10. A patch must be worn on the right sleeve of your lab coat or on the right sleeve of your uniform top. Estimated cost for one patch is \$5.00 or less.
11. A name tag must also be worn and may be purchased for \$10.00 or less.
12. Professional liability insurance is needed before starting clinical rotations and is made available through Darton College at \$17.50 per year. This will be figured in when you register for your first clinical rotation class.
13. It is highly recommended that students join the Society of Diagnostic Medical Sonographer's to enhance professional development. This is an annual fee for students of \$40.00.
14. Returned checks fee: \$15.00 per check or 5% of the check amount whichever is higher.
15. Graduation fee: \$35.00 this is due when the student applies for graduation, usually at the beginning of the semester in which graduation is anticipated.
16. There will be the cost of traveling to clinical rotation sites. There may also be the cost for lodging if a site is located far away and student wishes to stay in that area and not commute.
17. CPR for the health professional is required before beginning clinical rotations. This course is made available through Darton College at a cost of no more than \$5.00.
18. There may be a cost for the Hepatitis vaccine/TB screening needed for clinical rotations.
19. Your physician or medical professional may charge you for your medical screening.
20. It is highly recommended that students carry health insurance in case of injury or illness.

**These costs are merely estimates using the most current information available.**

**DIAGNOSTIC MEDICAL SONOGRAPHY (0382)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR CAREER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>Fall Semester</b>	<b>Sem. Hrs.</b>
<b>PRE DMSP COURSES</b>		
ALHE 1120	Medical Terminology	1
BIOL 1100K	Anatomy & Physiology for the Healthcare Provider (Human Anatomy & Physiology I & II may be taken in lieu of BIOL 1110K)	4
ENGL 1101	English Composition I	3
MATH 1111	College Algebra	3
PHSC 1011K	Introduction to Physical Science I	4
		15
<b>Freshman Year</b>		
	<b>Spring Semester</b>	
ALHE 1115	Clinical Professionalism	1
COMM 1110 or *	Public Speaking or *	3
COMM 1100	Human Communications	
DMSP 1101	Introduction to Diagnostic Medical Sonography	2
ENGL 1102	English Composition II	3
PSYC 1101	General Psychology	3
		12
<b>Summer Semester</b>		
DMSP 1102	Abdomen Ultrasound I	3
DMSP 1103	Obstetrical Ultrasound I	3
DMSP 1104	Pelvic Ultrasound	3
DMSP 1105	Clinical Observations	2
		11
<b>Sophomore Year</b>		
	<b>First Semester</b>	<b>Sem. Hrs.</b>
CVTE 1118	Physics of Ultrasound	1
DMSP 2111	Abdomen Ultrasound II	3
DMSP 2112	Obstetrical Ultrasound II	3
DMSP 2113	Clinical Observation & Practicum I	2
HIST 2111 or	U.S. History through 1877 or	3
HIST 2112	U.S. History after 1877	3
		12
	<b>Second Semester</b>	
DMSP 2114	Pediatric Ultrasound	3
DMSP 2115	Superficial Structures and Invasive Procedures	4
DMSP 2116	Clinical Observation & Practicum II	2
POLS 1101	American Government in World Perspective	3
		12
<b>Summer Semester</b>		
DMSP 2117	Ultrasound in Review	3
DMSP 2118	Clinical Observation & Practicum III	2
DMSP 2120	Vascular Ultrasound	3
PHED	Fitness Competency Requirement	2
		10
<b>Two-Year Total</b>		<b>72</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.



**ECONOMICS (0073)**  
**Business Division**

**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

This degree program is also available as an online degree program. See the description of the online program of study at <http://online.darton.edu/degrees>

**Area A**

**Essential Skills - 9 Hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
The following course is recommended, but other Area A courses are allowed. See page 66.		
MATH 1111	College Algebra	3

**Area B**

**Institutional Options - 4 Hours**

See Area B of the Core Curriculum. Page 66.	4
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**Area C**

**Humanities And The Fine Arts - 6 Hours**

Literature Course	See Humanities/Fine Arts page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Mathematics, And Technology - 11 Hours**

The following courses are recommended, but other Area D courses are allowed. See page 68.		
PHSC 1011K	Introduction to Physical Science I	4
PHSC 1012K	Introduction to Physical Science II	4
Mathematics/ Technology	See Area C Mathematics/Technology courses, Page 68.	3

**Area E**

**Social Science - 12 Hours**

HIST 1111 or HIST 1112	Survey of World History I or Survey of World History II	3
HIST 2111 or HIST 2112	U. S. History Through 1877 or U.S. History After 1877	3
POLS 1101	American Government in World Perspective	3
The following course is recommended but other Area E courses are allowed. See page 69.		
PSYC 1101	General Psychology	3

**Area F**

**Courses Related To The Major - 18 Hours**

ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
Optional Electives (12 hours) from the following:		
CISM 2201	Fundamentals of Computer Applications	3
MATH 1151	Calculus I with Geometry	4
MATH 2205	Introduction to Statistics	3
Foreign Language/Sociology/History or Other Social Science Electives		
		6

**Area G**

**Physical Education – (1 – 4 courses)\*\***

One course per semester of full-time enrollment with a maximum of 4 courses	4-8
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**Two-Year Total**

**64-68**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.



**ECONOMICS (0073)**  
**Business Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

This degree program is also available as an online degree program. See the description of the online program of study at <http://online.darton.edu/degrees>

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
CISM 2201	Fundamentals of Computer Applications	3
MATH 1111	College Algebra	3
PHSC 1012K	Introduction to Physical Science II	4
POLS 1101	American Government in World Perspective	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		17-18
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
PHSC 1011K	Introduction to Physical Science I	4
AREA F Elective	See Electives Below*	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		14-15
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
COMM 1110	Public Speaking**	3
ECON 2105	Principles of Macroeconomics	3
AREA C Literature	See Area C Literature courses, page 67.	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA D Elective	See Area D of the Core Curriculum, page 68.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		15-16
	<b>Second Semester</b>	
ECON 2106	Principles of Microeconomics	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
PSYC 1101	General Psychology	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA F Elective	See Electives Below*	3
AREA F Elective	See Electives Below*	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		18-19
	<b>Two-Year Total</b>	<b>64-68</b>

\*Choose AREA F Electives (9) from the following:

MATH 1151 or	Calculus I with Geometry or	4
MATH 2205 or	Introduction to Statistics or	3
Foreign Language/Sociology/History or		6
Other Social Science Elective		

\*\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

**EMERGENCY MEDICAL SERVICES (0566)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR**  
**CERTIFICATE PROGRAMS**

The Emergency Medical Services Program is designed to provide paramedic instruction at the certificate and associate degree level for emergency medical personnel who have been certified as emergency medical technician.\* The program is based on the revised Emergency Medical Technician-Paramedic: National Standard Curriculum (EMT-P NSC). Graduates of the three semester certificate program who achieve an overall grade point average of 2.0 are eligible to take the certification exam offered by the National Registry of EMTs (NREMT). After passing the paramedic level certification exam, NREMT-Paramedics are licensed to practice by the Emergency Health Section of the Georgia Department of Human Resources and are allowed to perform advanced life support techniques under medical direction in Georgia. Students may elect to take additional prescribed college courses to complete their Associate of Science degree in Emergency Medical Services.

For consideration for admission to the EMS Certificate Program, students must take the University System of Georgia COMPASS Test and score a minimum of 78 on the Reading. Scores of 71 on English and 30 on math ensure unconditional admission to the program provided the other requirements are met.

**Additional Admission Requirements:**

1. Verification of EMT certification. (exception: FAST-TRACK applicants)
2. Recommendation by EMS director, if applicable.
3. Evaluation on an individual basis by the EMS Admissions Committee.
4. To comply with the requirements of cooperating clinical facilities, the Allied Health Division requires students to submit a completed immunization form and TB screening form. These forms must be completed before clinical rotations commence. Students must also submit to a precheck background check prior to the beginning of clinical rotations.
5. To satisfactorily complete the curriculum and to develop the skills required for an entry level practitioner, the student must have:
  - a. Visual acuity (with or without corrective lenses) to identify cyanosis and to perform patient assessment, to accurately draw solutions into a syringe;
  - b. Auditory acuity (with or without aids) sufficient to accurately use an aneroid sphygmomanometer, to detect breath and bowel sounds, and to accurately obtain a patient's medical history;
  - c. Physical ability to perform cardiopulmonary resuscitation, to lift and transport patients and heavy equipment items;
  - d. Speaking ability to communicate with patients to obtain medical history, to effectively transmit vital information over radio;
  - e. Manual dexterity to correctly use syringes and initiate intravenous lines.

**\*FAST-TRACK PARAMEDIC PROGRAM**

Students without previous EMS experience, who have exited Learning Support Courses, may take additional courses concurrently with the first and second semesters of the EMS certificate program. After successful completion of the second semester, FAST-TRACK students are eligible to take the National Registry EMT-Intermediate certification exam, which would qualify them for entry in to the EMS job market in Georgia. After successful completion of the third semester, FAST-TRACK paramedic students are eligible to take the NREMT Paramedic certification exam. After passing the exam, NREMT paramedics are licensed to practice by the Emergency Health Section of the Georgia Department of Human Resources and allowed to perform advanced life support procedures under physician direction in the state of Georgia.

**For additional Allied Health Division policies that apply to this program, please refer to page 50, Section Q of the college catalog.**

**Emergency Medical Services (0566)**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
<b>(EMS Certificate Program)</b>		
BIOL 1100K	Human Anatomy & Physiology for the Allied Health Professional	4
EMTP 1110	Introduction to Paramedic Profession	3
EMTP 1111	Essentials of EMS	2
EMTP 1107	Intermediate Medical/Pediatric Emergencies*	6*
EMTP 1112	Psychiatric Emergencies	<u>3</u>
		18
	<b>Second Semester</b>	
EMTP 1102	Trauma	5
EMTP 1108	Intermediate Ambulance Operations*	2*
EMTP 1113	Pharmacology	3
EMTP 1115	OB/Gyn/Neonatal Emergencies	2
EMTP 1117	Respiratory Emergencies	3
EMTP 1118	Pediatric Emergencies	<u>2</u>
		17
	<b>Third Semester</b>	
EMTP 1104	Medical Emergencies	5
EMTP 1105	Cardiovascular Emergencies	6
EMTP 1119	Pediatric Emergency Clinical Practicum	1
EMTP 1125	Summative Evaluation	<u>3</u>
		15
	<b>One Year Total</b>	<b>50*/42</b>

\*Fast-Track students only.

**For additional Allied Health Division policies that apply to this program, please refer to page 50, Section Q of the college catalog.**

**EMERGENCY MEDICAL SERVICES (0367)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR CAREER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAM**

Completion of the EMS certificate program (described on page 154), plus the courses listed below, will fulfill the requirements for an Associate of Science in Emergency Medical Services Degree.

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
(EMS Certificate Program)		
BIOL 1100 K	Human Anatomy & Physiology for Allied Health Professional	4
EMTP 1110	Introduction to Paramedic Profession	3
EMTP 1111	Essentials of EMS	2
EMTP 1112	Psychiatric Emergencies	3
EMTP 1107***	Intermediate Medical and Pediatric Emergencies	<u>6</u>
		18
	<b>Second Semester</b>	
EMTP 1102	Trauma	5
EMTP 1108***	Intermediate Ambulance Operations	2
EMTP 1118	Pediatric Emergencies	2
EMTP 1113	Pharmacology	3
EMTP 1117	Respiratory Emergencies	3
EMTP 1115	OB, Gyn, and Neonatal Emergencies	<u>2</u>
		17
	<b>Third Semester</b>	
EMTP 1104	Medical Emergencies	5
EMTP 1105	Cardiovascular Emergencies	6
EMTP 1119	Pediatric Emergencies Clinical Practicum	1
EMTP 1125	Summative Evaluation	<u>3</u>
		15
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
EMTP 1121 or	Essential Math for the Prehospital Emergency Care Provider or	1
MATH 1111	College Algebra	3
HIST 2111 or	U.S. History Through 1877 or	3
HIST 2112	U.S. History After 1877	3
CISM 1100	Computer Concepts/Software Application	2
Elective	Choose one from Humanities, Social Science, Business, or Math/Science	<u>3</u>
		12-14
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
POLS 1101	American Government	3
PSYC 1101	General Psychology	3
COMM 1110	Public Speaking**	<u>3</u>
		12
	<b>Two-Year Total</b>	<b>66-68</b>

\*This is a suggested schedule for full-time students. Students may take core classes which apply to an A.S. Degree in EMS on a part-time basis.

\*\*Oral Communication requirement may be met by completion of other communication courses. See Page 63 for Options.

\*\*\*Fast-Track students only.

**For additional Allied Health Division policies that apply to this program, please refer to page 50, Section Q of the college catalog.**

**EMERGENCY MEDICAL TECHNICIAN (0589)**  
**Allied Health Division**  
**RECOMMENDED COURSES FOR**  
**CERTIFICATE PROGRAM**

The Emergency Medical Technician – Intermediate Certificate provides the student with technical training as it applies to the entry level for Emergency Medical Services. This certificate offers the student hands on training in several aspects of EMS and prepares the student to pursue an advanced degree as a licensed Paramedic.

	<b>Summer Semester</b>	<b>Sem. Hrs.</b>
ALHE 1120	Medical Terminology	1
EMTP 1021	Introduction to Emergency Medical Services	<u>6</u>
		7
	<b>Fall Semester</b>	
EMTP 1025	Trauma for the Emergency Medical Technician – Intermediate	3
EMTP 1036	Medical Emergencies for the Emergency Medical Technician – Intermediate	<u>4</u>
		7
	<b>Spring Semester</b>	
EMTP 1032	Advanced Life Support for the Emergency Medical Technician – Intermediate	5
	<b>ONE YEAR TOTAL</b>	<b>19</b>

**For additional Allied Health Division policies that apply to this program, please refer to page 50, Section Q of the college catalog.**



**PRE-ENGINEERING (0044)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1151	Calculus I with Geometry	4

**Area B**

**Institutional Options - 4 hours**

See Area B of the Core Curriculum, page 66.		4
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**Area C**

**Humanities/Fine Arts - 6 hours**

Literature Course	See Humanities/Fine Arts, page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Math and Technology - 11 hours**

Science Requirements		
PHYS 2211K and PHYS 2212K	Principles of Physics I and Principles of Physics II	8
Math/Technology Requirement		
MATH 2252	Calculus II	4

**Area E**

**Social Science - 12 hours**

HIST 1111 or HIST 1112	Survey of World History I or Survey of World History II	3
HIST 2111 or HIST 2112	U.S. History Through 1877 or U.S. History After 1877	3
POLS 1101	American Government in World Perspective	3
Elective	See Area E Social Science courses, page 69.	3

**Area F**

**Courses Related to the Major - 18 hours**

Major Requirements		
CHEM 1211K and CHEM 1212K	Principles of Chemistry I and Principles of Chemistry II	8
MATH 2253	Calculus III	4
Major Electives		
CSCI 1300	Introduction to Computer Science	3
ENGR 1111	Engineering Graphics	3
ENGR 2201	Engineering Statics and Dynamics	4

**Area G**

**Physical Education – (1 – 4 courses)\*\***

One course per semester of full-time enrollment with a maximum of 4 courses		<u>4-8</u>
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**Two-Year Total**

**64-68**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

**PRE-ENGINEERING (0044)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
CHEM 1211K	Principles of Chemistry I	4
POLS 1101	American Government in World Perspective	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
MATH 1151	Calculus I with Geometry	4
CHEM 1212K	Principles of Chemistry II	4
CSCI 1300	Introduction to Computer Science	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		18-19
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
MATH 2252	Calculus II	4
ENGR 1111	Engineering Graphics	3
PHYS 2211K	Principles of Physics I	4
COMM 1110	Public Speaking*	3
AREA E Elective	See Area E of the Core Curriculum, page 69.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		18-19
	<b>Second Semester</b>	
MATH 2253	Calculus III	4
PHYS 2212K	Principles of Physics II	4
ENGR 2201	Engineering Statics & Dynamics	4
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA C Elective	See Area C of the Core Curriculum, page 67.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		18-19
	 <b>Two-Year Total</b>	 <b>70-74</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

**ENGINEERING TECHNOLOGY (0047)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1113 or	Pre-Calculus or	3
MATH 1112	Trigonometry	

**Area B**

**Institutional Options - 4 hours**

See Area B of the Core Curriculum. Page 66.		4
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**Area C**

**Humanities/Fine Arts - 6 hours**

Literature Course	See Humanities/Fine Arts page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Math and Technology - 12 hours**

Science Requirements		
PHYS 1111K and	Introductory Physics I and	8
PHYS 1112Kor	Introductory Physics II or	
PHYS 2211K and	Principles of Physics I and	4
PHYS 2212K	Principles of Physics II	
Math/Technology Requirement		
MATH 1151	Calculus I with Geometry	4

**Area E**

**Social Science - 12 hours**

HIST 1111 or	Survey of World History I or	3
HIST 1112	Survey of World History II	
HIST 2111 or	U.S. History Through 1877 or	3
HIST 2112	U.S. History After 1877	
POLS 1101	American Government in World Perspective	3
Elective	See Area E Social Science courses, page 69.	3

**Area F**

**Courses Related to the Major - 18 hours**

Major Requirements		
CHEM 1211K	Principles of Chemistry I	8
CHEM 1212K	Principles of Chemistry II	
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
Major Electives		
CSCI 1300	Introduction to Computer Science	3
ENGR 1111	Engineering Graphics	3
ENGR 2201	Engineering Statics and Dynamics	4

**Area G**

**Physical Education – (1 – 4 courses)\*\***

One course per semester of full-time enrollment with a maximum of 4 courses		<u>4-8</u>
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**Two-Year Total**

**65-69**

\*Oral Communication requirement may be met by completion of other communication

courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.



**ENGINEERING TECHNOLOGY (0047)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
CHEM 1211K	Principles of Chemistry I	4
MATH 1113	Pre-Calculus	3
POLS 1101	American Government in World Perspective	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
CHEM 1212K	Principles of Chemistry II	4
MATH 1151	Calculus I with Geometry	4
CSCI 1300	Introduction to Computer Science	3
HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		18-19
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
MATH 2252	Calculus II	4
PHYS 1111K or	Introductory Physics I or	4
PHYS 2211K	Principles of Physics I	
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
COMM 1110	Public Speaking*	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		17-18
	<b>Second Semester</b>	
MATH 2253	Calculus III	4
PHYS 1112K or	Introductory Physics II or	4
PHYS 2212K	Principles of Physics II	
ENGR 1111	Engineering Graphics	3
AREA C Literature	See Area C Literature courses, page 67.	4
AREA E Elective	See Area E of the Core Curriculum, page 69.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		19-20
	<b>Two-Year Total</b>	<b>70-74</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

**ENGLISH (0022)**  
**Humanities Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF ARTS DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 Hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1001 or MATH 1111	Quantitative Skills and Reasoning or College Algebra or higher math	3

**Area B**

**Institutional Options - 4 Hours**

The following courses are recommended, but other Area B courses are allowed. See Page 66.

COMM 1000 or COMM 1110 or COMM 1111	Cultural Diversity in Communication or Public Speaking* or Issues in Argumentation and Advocacy	2-3
PHIL 1101	Critical Thinking	2

**Area C**

**Humanities And The Fine Arts - 6 Hours**

Literature	See Area C Literature courses, page 67.	3
Humanities/Fine Arts	See Area C Humanities/Fine Arts courses, page 67.	3

**Area D**

**Science, Mathematics, And Technology - 11 Hours**

Lab Science	See Area D Lab Science courses, page 68.	8
The following course is recommended, but other Area D Math/Technology courses are allowed. See page 68.		
MATH 2205	Introduction to Statistics	3

**Area E**

**Social Science - 12 Hours**

POLS 1101	American Government in World Perspective	3
HIST 2111 or HIST 2112	U. S. History Through 1877 or U. S. History After 1877	3
HIST 1111 or HIST 1112	Survey of World History I or Survey of World History II	3
The following course is recommended, but other Area E Social Science courses are allowed. See page 69.		
PSYC 1101	General Psychology	3

**Area F**

**Courses Related To The Major - 18 Hours**

ENGL 2111 or ENGL 2112	World Literature I or World Literature II	3
Choose two of the following courses:		
ENGL 2111 or ENGL 2112 or ENGL 2121 or ENGL 2122 or ENGL 2131 or ENGL 2132 or ENGL 2210 or ENGL 2220 or ENGL 2230 or	World Literature I or World Literature II or British Literature I or British Literature II or American Literature I or American Literature II or Creative Writing or Writing Non-Fiction or Professional and Technical Writing or	6



**ENGLISH (0022)**  
**Humanities Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF ARTS DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	Composition I	3
MATH 1001 or	Quantitative Skills and Reasoning or	
MATH 1111	College Algebra or higher math	3
POLS 1101	American Government in World Perspective	3
The following courses are recommended, but other Area B courses are allowed. See Page 66.		
COMM 1000 or	Cultural Diversity in Communication or	
COMM 1110 or	Public Speaking* or	
COMM 1111	Issues in Argumentation and Advocacy	2-3
AREA D Lab Science	See Area D Lab Science courses, page 68.	4
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		<u>16-18</u>
	<b>Second Semester</b>	
ENGL 1102	Composition II	3
AREA D Lab Science	See Area D Lab Science courses, page 68.	4
The following course is recommended, but other Area E Social Science courses are allowed. See page 69.		
PSYC 1101	General Psychology	3
HIST 2111 or	U.S. History Through 1877 or	3
HIST 2112	U.S. History After 1877	
Foreign Language	Intermediate I Foreign Language	
2001		3
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		<u>17-18</u>
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
AREA C Literature	See Area C Literature courses, page 67.	3
HIST 1111 or	Survey of World History I or	
HIST 1122	Survey of World History II	3
The following course is recommended, but other Area D Math/Technology courses are allowed. See page 68.		
MATH 2205	Introduction to Statistics	3
Foreign Language	Intermediate II Foreign Language	
2002		3
	Choose one of the following:	3
ENGL 2210 or	Creative Writing or	
ENGL 2220 or	Writing Non-Fiction or	
ENGL 2230	Professional and Technical Writing	
AREA G Elective	See Area G of the Core Curriculum, page 71.	1-2
		<u>16-17</u>
	<b>Second Semester</b>	
ENGL 2111 or	World Literature I or	
ENGL 2112	World Literature II	3
AREA C Humanities/Fine Arts	See Area C Humanities/Fine Arts courses, page 67.	3
The following course is recommended, but other Area B courses are allowed. See Page 66.		
PHIL 1101	Critical Thinking	2
	Choose two of the following:	6
ENGL 2111 or	World Literature I or	
ENGL 2112 or	World Literature II or	
ENGL 2121 or	British Literature I or	



ENGL 2122 or ENGL 2131 or ENGL 2132 or ENGL 2210 or ENGL 2220 or ENGL 2230 or SOC1 1101 or PSYC 1101 or HIST 1111 or HIST 1112 or HIST 2111 or HIST 2112 or MUSC 1100 or THEA 1100 or FIAR 2250 or PHIL 2205 AREA G Elective	British Literature II or American Literature I or American Literature II or Creative Writing or Writing Non-Fiction or Professional and Technical Writing or Principles of Sociology or General Psychology or Survey of World History I or Survey of World History II or U. S. History Through 1877 or U. S. History After 1877 or Music Appreciation or Theatre Appreciation or Humanities Through the Arts or Introduction to Philosophy See Area G of the Core Curriculum, page 71.	<u>1-2</u> 15-16
<b>Two-Year Total</b>		<b>64-69</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

**ENVIRONMENTAL SCIENCE (0074)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

**Area A**

**Essential Skills - 9 hours**

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1113 or	Pre-Calculus or	3
MATH 1112	Trigonometry	

**Area B**

**Institutional Options - 4 hours**

See Area B of the Core Curriculum. Page 66.	4
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**Area C**

**Humanities/Fine Arts - 6 hours**

Literature Course	See Humanities/Fine Arts page 67.	3
The following course is recommended, but other Area C courses are allowed. See page 67.		
COMM 1110	Public Speaking*	3

**Area D**

**Science, Math and Technology - 11 hours**

Science Requirements		
CHEM 1211K and	Principles of Chemistry I and	
CHEM 1212K	Principles of Chemistry II	8
Math/Technology Requirement		
MATH 2205	Introduction to Statistics	3

**Area E**

**Social Science - 12 hours**

HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
HIST 2111 or	U.S. History Through 1877 or	
HIST 2112	U.S. History After 1877	3
POLS 1101	American Government in World Perspective	3
Elective	See Area E Social Science courses, page 69.	3

**Area F**

**Courses Related to the Major - 18 hours**

Major Requirements		
BIOL 1107K and	Principles of Biology I and	
BIOL 1108K	Principles of Biology II	8
Major Electives		
CHEM 2240K or	Principles of Organic Chemistry I or	4
PHYS 1111K and	Introductory Physics I and	8
PHYS 1112K or	Introductory Physics II or	
PHYS 2211K and	Principles of Physics I and	8
PHYS 2212K or	Principles of Physics II or	
SCIE 2000K or	Principles of Research Methodology or	2
SCIE 2001K or	Principles of Scientific Instrumentation/Methods or	
MATH 1151	Calculus I with Geometry	4

**Area G**

**Physical Education – (1 – 4 courses)\*\***

One course per semester of full-time enrollment with a maximum of 4 courses	<u>4-8</u>
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**Two-Year Total** **64-68**

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.

\*\*See AREA G of the Core Curriculum for fitness competency requirement.

**ENVIRONMENTAL SCIENCE (0074)**  
**Science/Mathematics Division**  
**RECOMMENDED COURSES FOR TRANSFER**  
**ASSOCIATE OF SCIENCE DEGREE PROGRAMS**

<b>Freshman Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
ENGL 1101	English Composition I	3
CHEM 1211K	Principles of Chemistry I	4
MATH 1113	Pre-Calculus	3
POLS 1101	American Government in World Perspective	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
	<b>Second Semester</b>	
ENGL 1102	English Composition II	3
CHEM 1212K	Principles of Chemistry II	4
MATH 2205	Introduction to Statistics	3
HIST 1111 or HIST 1112	Survey of World History I or Survey of World History II	3
AREA B Elective	See Area B of the Core Curriculum, page 66.	2
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		16-17
	<b>Summer Semester</b>	
CHEM 2240K	Principles of Organic Chemistry I	4
CHEM 2241K	Principles of Organic Chemistry II	<u>4</u>
		8
<b>Sophomore Year</b>	<b>First Semester</b>	<b>Sem. Hrs.</b>
BIOL 1107K	Principles of Biology I	4
PHYS 1111K	Introductory Physics I	4
COMM 1110	Public Speaking*	3
HIST 2111 or HIST 2112	U.S. History Through 1877 or U.S. History After 1877	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		15-16
	<b>Second Semester</b>	
BIOL 1108K	Principles of Biology II	4
PHYS 1112K	Introductory Physics II	4
AREA C Literature	See Area C Literature courses, page 67.	3
AREA E Elective	See Area E of the Core Curriculum, page 69.	3
AREA G Elective	See Area G of the Core Curriculum, page 71.	<u>1-2</u>
		15-16
	<b>Two-Year Total</b>	<b>70-74</b>

\*Oral Communication requirement may be met by completion of other communication courses. See Degree Requirements, page 63.