

- Achieve a grade of C or better in all prerequisites and corequisites for professional courses.
- Receive a satisfactory in Professional Development.

Recommended Sequence of Courses

Prerequisites

BIO 210	Anatomy and Physiology I	4
BIO 211	Anatomy and Physiology II	4
BIO 225	Microbiology	4
CHM 105	General Organic and Biochemistry	4
CPT 101	Introduction to Computers	3
ENG 101	English Composition I	3
MAT 110	College Algebra	3
or		
MAT 120	Probability and Statistics	3
SPC 205	Public Speaking	3

or

SPC 209	Interpersonal Communication	3
		Total 28

First Semester – Spring

DHG 111	Orofacial Embryology	2
DHG 125	Tooth Morphology and Histology	2
DHG 140	General and Oral Pathology	2
DHG 151	Dental Hygiene Principles	5
DHG 244	Dental Materials	3
		Total 14

Second Semester – Summer

BIO 218	Head and Neck Anatomy	1
DHG 121	Dental Radiography	3
DHG 165	Clinical Dental Hygiene I	5
PSY 201	General Psychology	3
		Total 12

Third Semester – Fall

DHG 141	Periodontology	2
DHG 143	Dental Pharmacology	2
DHG 175	Clinical Dental Hygiene II	5
DHG 230	Public Health Dentistry	3
DHG 241	Integrated Dental Hygiene I	1
SOC 101	Introduction to Sociology	3
		Total 16

Fourth Semester – Spring

DHG 231	Dental Health Education	1
DHG 255	Clinical Dental Hygiene III	5
DHG 265	Clinical Dental Hygiene IV	5
ELE HUM	Select one course from Humanities	3
		Electives on page B-3
		Total 14

Emergency Medical Technology

Associate in Applied Science

Advanced Placement Option Career Path

Currently certified paramedics who plan to earn an Associate in Health Sciences degree should consider the advanced placement option. To successfully complete the program, you must complete the following requirements:

- Meet EMT program admission requirements
- Maintain a current paramedic credential
- Successfully complete the general education requirements with no less than a C in any course:

BIO 210	Anatomy and Physiology I	4
BIO 211	Anatomy and Physiology II	4
CPT 101	Introduction to Computers	3
ENG 101	English Composition I	3
MAT 120	Probability and Statistics	3
SPC 205	Public Speaking	3
PSY 201	General Psychology	3
ELE HUM	Select one course from Humanities	3
		Electives on page B-3

Meet with the program coordinator and successfully complete an experiential learning credit application for:

EMT-Basic	5
EMT-Intermediate	5

Complete EMS core courses:

EMS 114	Emergency Vehicle Operations Management	2
EMS 216	Principles of Rescue	4

Advanced Placement online courses

The advanced placement core courses are delivered in an online format. Advanced students will complete all without having to repeat clinical or internship experiences. Students will be expected to review and test on didactic material with all required courses following DOT curriculum standards. Research with paper submission as well as discussion projects will be expected for successful completion.

EMS 120	Pharmacology	3
EMS 218	EMS Management Seminar	2
EMS 250	Advanced Placement Paramedic Care	5
EMS 251	Advanced Placement Paramedic Care II	4
EMS 252	Advanced Placement Clinical Experience I	3
EMS 253	Advanced Placement Clinical Experience II	3
EMS 254	Advanced Placement Internship Experience I	3
EMS 255	Advanced Placement Internship Experience II	3

Emergency Medical Technology

Associate in Applied Science

Credit Requirements: 69 Semester Credit Hours

The Emergency Medical Technology program prepares students to practice in the complex and dynamic profession of the EMT. The curriculum is structured to allow the beginning student to test and practice as a basic or intermediate EMT while continuing in the advanced program. Internship and clinical experiences strengthen learned material and prepare the student for the reality of practice.

Admission Requirements

Applicants will be admitted to the Emergency Medical Technology program on a first-qualified, first-admitted basis. Applicants are considered to be qualified for admission to the next available class when they meet all college and program requirements.

APPLICANTS MUST COMPLETE ALL OF THE FOLLOWING REQUIREMENTS

I. General College Admission Requirements

Achieve admission to the college by meeting TTC's requirements for associate degree programs. Please note that applicants not achieving appropriate test scores will be required to complete courses indicated by placement test scores.

II. Program Admission Requirements

- A. Achieve qualifying scores on the College's placement test, SAT or ACT.
- B. Complete an Allied Health application for the Emergency Medical Technology program.
- C. Attend an official advising session.
- D. Provide proof of high school graduation or equivalent by submitting a copy of high school transcript, diploma or GED.
- E. Provide proof that general education courses and their prerequisites (support courses required in the Emergency Medical Technology program) have been completed with a minimum grade of C and a cumulative GPA of 2.5. Laboratory sciences must have been completed within five years of the admission date.
- F. Satisfy academic probation/suspension requirements, if applicable, by providing proof of a minimum 2.0 GPA on all college course work by submitting official copies of college transcripts, other than TTC transcripts, to the Admissions office.
- G. Submit proof of a minimum of 15 hours of observation of an EMT-Paramedic employed by an emergency services agency. The applicant is responsible for arranging the observation time.
- H. Maintain a minimum cumulative 2.5 GPA and not be on academic or disciplinary suspension at the time of admission and date of entry into the program.
- I. At the time of entry to the program, show evidence of completion of the criminal background check required by the college.
- J. Prior to admission to the program, provide the TTC program coordinator with a completed, current Allied Health Student Health Record.
- K. Provide proof of current CPR certification.

Applicants who meet college and program requirements will be considered qualified and will be admitted on a first-qualified, first-admitted basis.

Note: Admission to the college does not guarantee admission to the Emergency Medical Technology program.

Recommended Sequence of Courses

First Semester – Fall

BIO 210	Anatomy and Physiology I	4
CPT 101	Introduction to Computers	3
EMS 110	Basic Emergency Medical Care	5
ENG 101	English Composition I	3
Total 15		

Second Semester – Spring

BIO 211	Anatomy and Physiology II	4
EMS 111	Intermediate Emergency Care	5
MAT 120	Probability and Statistics	3
PSY 201	General Psychology	3
Total 15		

Third Semester – Summer

EMS 120	Pharmacology	3
EMS 217	Introduction to Electrocardiography	2
EMS 220	Paramedic Internship I	3
SPC 205	Public Speaking	3
Total 11		

Fourth Semester – Fall

EMS 114	Emergency Vehicle Operations Management	2
EMS 211	Advanced Clinical Experience I	3
EMS 213	Advanced Emergency Medical Care II	4
EMS 221	Paramedic Internship II	3
Total 12		

Fifth Semester – Spring

EMS 210	Advanced Emergency Medical Care I	5
EMS 214	Advanced Clinical Experience II	3
EMS 218	EMS Management Seminar	2
EMS 222	Paramedic Internship III	3
ELE HUM	Select one course from Humanities Electives on page B-3	3
Total 16		

General Technology

Associate in Applied Science

Expanded Duty Dental Assisting Career Path

Credit Requirements: 70 Semester Credit Hours

The Associate Degree in Occupational Technology-General Technology is designed to be a completion program for students who hold a diploma in Expanded Duty Dental Assisting. For admission requirements, see the Expanded Duty Dental Assisting diploma program page. Students

who already hold this diploma should consult with the program advisor.

Recommended Sequence of Courses

First Semester – Fall

CPT 101	Introduction to Computers	3
DAT 114	Dental Emergencies and Medicine	3
DAT 115	Ethics and Professionalism	1
DAT 118	Dental Morphology	2
DAT 123	Oral Medicine/Oral Biology	3
DAT 154	Clinical Procedures I	4
DHG 244	Dental Materials	3
Total 19		

Second Semester – Spring

DAT 121	Dental Health Education	2
DAT 122	Dental Office Management	2
DAT 124	Expanded Functions/Specialties	1
DAT 127	Dental Radiography	4
DAT 185	Dental Specialties	5
ENG 101	English Composition I	3

or

ENG 150	Basic Communications	3
Total 17		

Third Semester – Summer

DAT 177	Dental Office Experience	7
PSY 201	General Psychology	3
Total 10		

Associate Degree Completion Program

Associate in Applied Science

Expanded Duty Dental Assisting Career Path

Students who have completed the Expanded Duty Dental Assisting diploma program as outlined above (with CPT 101, ENG 101 and PSY 201) will be eligible for an associate degree in General Technology upon completion of the following general education and secondary specialty courses. A grade point average of 2.0 on all college work presented to fulfill program requirements is required for graduation.