

**Career-Technical Credit Transfer (CT)²
Emergency Medical Technician (EMT) Career-Technical Assurance Guide (CTAG)
October 23, 2014**

The following programs/courses, indicated by a Career-Technical Articulation Number (CTAN), are eligible for granted college credit at state institutions of higher education for (CT)² approved programs/courses at adult career-technical education institutions. In addition, the following courses, indicated by a Career-Technical Articulation Number (CTAN), are eligible for transfer among approved programs/courses at state institutions of higher education.

CTEMS002 – Emergency Medical Technician (EMT)	Credits: 7 Semester Hours
<p>Advising Notes: The EMS training program shall be conducted in accordance with the national EMS education standards approved by the National Highway Traffic Safety Administration (NHTSA), the education standards approved by the board, and the scope of practice set forth in rule 4765-15-05 of the Ohio Administrative Code. The national EMS education standards approved by NHTSA and the education standards approved by the board can be found at http://www.ems.ohio.gov/ems_education.stm (click on 03/19/2013 Approved Curriculum Standards).</p> <p>At the conclusion of the EMT training program, the student will demonstrate entry level competency in the affective, psychomotor and cognitive domains related to each of the following areas of instruction.</p> <p>Submitted course work must include proof of laboratory and clinical components.</p> <p>Prerequisite: Current Ohio EMT certification</p>	

Each CTAN identifies the learning outcomes that are equivalent or common in introductory technical courses. In order for students to be able to receive credit under these agreements, the career-technical programs and the state institutions of higher education must document that their course/program content matches the learning outcomes in the CTANs. In accordance with Ohio Revised Code 3333.162, industry standards and certifications provide documentation of student learning. Recognized industry standards are expectations established by business, industry, state agencies, or professional associations. These standards define training program curricular requirements, establish certification or licensure criteria, and often serve as the basis for program accreditation.

Requirements and Credit Conditions:

1. The receiving institution must have a comparable program, major, or courses that have been approved through submission to the Ohio Board of Regents (CT)² approval process for the CTANs listed in this document.
2. Credits apply to courses in the specified technical area at Ohio's public institutions of higher education, provided that the institution offers courses in the specific technical area. In the absence of an equivalent course, and when the institution offers the technical program, the receiving institution will guarantee to grant and apply an equivalent credit value of the Career-Technical Articulation Number (CTAN) toward the technical requirements of the specific degree/certificate program.

3. The applicant must provide proof to the receiving institution that she/he completed a course or program that has been approved through the (CT)² approval process and that she/he holds the appropriate credential or has passed the end-of-program assessment.
4. A career-technical student seeking credit under the terms of this CTAG must apply and be accepted to the college within the currency of the industry certificate or license.
5. A career-technical student who meets all eligibility criteria will receive the credit hour value for the comparable course(s) as offered at the receiving state institution of higher education.
6. The admission requirements of individual institutions and/or programs are unaffected by the implementation of (CT)² outcomes.
7. The transfer of credit through this CTAG will not exempt a student from the residency requirements at the receiving institution.

CTEMS002 –Emergency Medical Technician (EMT)

General Course Description: Emergency Medical Technician (EMT) - a combination of specialized subject matter, laboratory, clinical and field experiences designed to prepare technicians to become members of the pre-hospital health care team, working under the direction of a physician. Instruction includes patient assessment, pathophysiology and treatment of shock, airway management, cardiac management, trauma-triage, epinephrine auto-injector administration illness and injury management, and delivery and newborn care and the personnel trained may be members of fire departments, police departments, or other agencies that are involved in the emergency treatment and rescue of people.

Credits: 7 Semester Hours

Learning Outcomes:

Outcomes marked with an asterisk are essential and must be taught.

Note: In an effort to limit the size of the CTAG, listed outcomes summarize the specific behavioral objectives of the EMT training course. For greater detail the reader is referred to http://www.ems.ohio.gov/ems_education.stm (click on 03/19/2013 Approved Curriculum Standards). EMT students will need to know all material within the EMT curriculum as well as that of the emergency medical responder.

- (1) Preparatory;*
- (2) Anatomy and physiology;*
- (3) Medical terminology;*
- (4) Pathophysiology;*
- (5) Life span development;*
- (6) Public health;*
- (7) Pharmacology;*
- (8) Airway management, respiration, and artificial ventilation, to include:*

 - (a) Insertion of extraglottic and dual lumen airway devices on apneic and pulseless patients;*
 - (b) Endotracheal suctioning through a stoma;*

- (c) Continuous positive airway pressure device administration and management;*
- (d) Flow restricted oxygen powered device;*
- (e) End tidal carbon dioxide monitoring and detection;*
- (f) Pulse oximeter and capnography equipment application and reading;*
- (g) Use of a positive pressure ventilation device.*
 - (i) Manually triggered ventilators;*
 - (ii) Automatic transportation ventilators.*
- (9) Assessment;*
- (10) Medicine, to include:.*
 - (a) Blood glucose monitoring;*
 - (b) Chest compression assist device;*
 - (c) Patient-assisted epinephrine auto-injection administration.*
- (11) Shock and resuscitation;*
- (12) Trauma, to include:.*
 - (a) Care and transportation of a trauma patient;*
 - (b) Helmet removal;*
 - (c) Trauma triage determination pursuant to rule 4765-14-02 of the Administrative Code.*
- (13) Special patient populations;*
- (14) EMS operations;*
- (15) Behavior/Judgement (Clinical prehospital), to include:.*
 - (a) At least ten hours devoted to combined clinical experience and prehospital internship;*
 - (b) Ten patient assessments to include one pediatric patient assessment.*

Emergency Medical Technician Panel Participants

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The Emergency Medical Technology (formerly EMT-Basic) CTAG originated in 2008 with work from the following panel participants:

Faculty and Teachers

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