



EMERGENCY MEDICAL SERVICES - CAREER LADDER PROGRAMS

WHAT IS THE EMS CAREER LADDER PROGRAM?

First Level Ambulance Provider- Emergency Medical Technician (EMT)

The Emergency Medical Technician provides basic life support to patients in the prehospital emergency setting. Specific EMT functions include: establishment and maintenance of airway; administration of cardiopulmonary resuscitation (CPR); control of hemorrhage; treatment of shock; immobilization of fractures; bandaging of wounds; assisting in childbirth; management of patients with behavioral disorders; and initiation of treatment for poisoned and burned victims. In Hawaii, the licensed EMT can start peripheral IV's and manually defibrillate under the direct supervision of an MICT. Graduates are qualified to take the National Registry Examination for certification as an EMT and may apply for work with an ambulance service.

Second Level - Mobile Intensive Care Technician (MICT)

The second level is the Mobile Intensive Care Technician (MICT), which is also known as Paramedic. Certification as an EMT or an AEMT is a prerequisite to the MICT program. The MICT is prepared to perform advanced life support functions in the prehospital emergency setting under the direction of a medical doctor. In addition to all functions performed by an EMT & an AEMT, an MICT performs advanced functions such as: administering intravenous fluids; administering medication; performing endotracheal intubation; recording and reading electrocardiograms; and using the cardiac monitor defibrillator. Graduates are qualified to take the National Registry Examination for certification as an Paramedic and can apply for work with an ambulance service.

HOW CLASSES ARE TAUGHT?

Both EMT and MICT programs include classroom instruction, problem-based learning, clinical experience within hospitals, and practical learning experience in ambulances. Students may gain the competencies required for entry-level positions in the field.

The EMS Career Ladder Programs use multimedia approaches based on the premise that active participation and personal responsibility for learning are the most successful methods for adult education. Therefore, theoretical classes include discussion groups with students presenting assigned portions of the content. Skill practice outside of the class and self-evaluation in the clinical setting are expected.

HOW MUCH TIME IS REQUIRED?

Emergency Medical Technician and Mobile Intensive Care Technician programs are career-ladder programs with the EMT level as a prerequisite to the MICT level. The EMT program is one semester (approximately 30/hrs/week). The EMT program on Oahu is offered every Fall and Spring semester (neighbor islands vary depending upon workforce needs). Prerequisites for the EMT program are Medical Terminology (Health 125) and English (Eng 100). Successful completion of the EMT courses provides the students with a Departmental Certificate of Recognition and qualification to take the National Registry EMT Certification exam. Successful completion of the prerequisites and the EMT courses qualifies the student for the College Certificate of Completion. The MICT program includes an additional year (or more) of training in which 33 percent is in the classroom and 66 percent is in the clinical setting. Successful completion of these courses provides the student with a letter of completion from the department and the qualification to take the National Registry Paramedic Certification Exam. Students completing the general education courses (e.g. English, Math, etc.) as outlined by the College earn an Associate of Science MICT degree from the College. The Mobile Intensive Care Technician course is generally offered in Maui every three years and/or when workforce needs demand.

WHEN AND WHERE ARE CLASSES HELD?

All EMS classes in the State of Hawai'i are sponsored by Kapi'olani Community College. Classes are held on O'ahu, and at training centers in each county. Addresses for each EMS center are given at the end of this pamphlet.

In Honolulu, Emergency Medical Technician classes are regularly scheduled for both Fall (day classes) and Spring (day classes) semesters. In Hilo, EMT classes are generally held once a year when employment demand exists. EMT courses may be offered on Kaua'i or Maui if sufficient student and employment demand exists. The Mobile Intensive Care Technician course is offered in Honolulu beginning in January of each year. The Mobile Intensive Care Technician course is generally offered in Hilo every other year.

HOW MUCH DO THE CLASSES COST?

For 2013-2014 AY, the tuition and fees for Hawai'i resident students is \$106.00 per credit while tuition and fees for non-resident students is \$496.00 per credit. Uniforms, books, stethoscopes and other equipment, liability insurance, and fees for certification are also the responsibility of the student and are approximately \$600.00 for each level.

Hawai'i residence status involves physical presence in Hawai'i for a minimum of at least one year prior to the beginning of classes and the intention of making Hawai'i your State of residence (e.g., filing Hawai'i Residents Income Taxes). Exemption from non-resident tuition is not to be confused with resident classification for admission purposes.

WHAT CAN I DO TO PREPARE MYSELF TO ENTER THE PROGRAM?

A copy of the curriculum for the EMT and MICT programs is attached. It is strongly recommended that applicants take as many of the general education courses as possible prior to entrance into either program. BIOL 130, BIOL 130L (BIOL 130 and BIOL 130L may be substituted with all of the following classes: PHYL 141, PHYL 141L, PHYL 142, and PHYL 142L), and HLTH 125 and English 100 are prerequisites for the EMT class and must be completed prior to the application deadline. It is highly recommended that you obtain experience in the health field (volunteer or paid).

Submit Kapi'olani Community College Math and GE Placement Test into Math 24 (raw score of 47 or higher in the pre-algebra domain or a raw score of 30 or higher in the algebra domain) & have a Compass Reading raw score of 74 or higher. Neighbor island applicants can complete the compass placement tests at their neighbor island community college. Please call your placement testing centers at Hawai'i Community College Placement Testing Center (933-3219), University of Hawaii Maui College Student Services (984-3240), Kaua'i Community College (245-8212), Leeward Community College Placement Testing Center (455-0273), Windward Community College Learning Center (235-7498), or Honolulu Community College Counseling Office Building 7 – 3rd floor (845-9127).

It is recommended that applicants have excellent health and manual dexterity. EMT and MICT programs involve a great deal of heavy lifting and the ability to lift and carry at least 100 pounds is important. Excellent communication skills and judgment are very important as well. The National Registry of EMTs requires that applicants be at least 18 years of age.

HOW DO I APPLY TO THE EMT OR MICT PROGRAMS?

Detailed application information is on the attached sheet. Application deadlines for O'ahu are April 1st for the Fall EMT program and October 1st for both Spring EMT and MICT programs. **A University of Hawai'i System Application Form and an EMS Supplemental Application Form must be submitted.** These forms are available through the Department of Emergency Medical Services or the Office of Admissions at Kapi'olani Community College.

ADDRESSES AND PHONE NUMBERS FOR EMS TRAINING CENTERS ON EACH ISLAND

**Department of Emergency Medical Services
Kapi'olani Community College**
4303 Diamond Head Road
Kauila 121
Honolulu, HI 96816-4421
(808) 734-9288

**Hawai'i EMS Training Center
Hawai'i Community College**
200 West Kawili Street
Building 381, Room 8
Hilo, HI 96720-4091
(808) 935-8002

**Kaua'i EMS Training Center
Kaua'i Community College**
3-1901 Kaumuali'i Highway
Lihue, HI 96766
(808) 245-7973

**Maui EMS Training Center
Maui College**
310 Kaahumanu Avenue
Kahului, HI 96732
(808) 244-4063

EMERGENCY MEDICAL SERVICES CURRICULUM

Certificate of Completion & Associate in Science Degree

PREREQUISITE COURSEWORK

ENG 100	Expository Writing	3 cr
HLTH 125	HLTH 125 Survey of Medical Terminology	1 cr

EMT CURRICULUM *Fall or Spring - Sixteen week program*

EMT 100	Emergency Medical Technician	10 cr
EMT 101	Practicum for Emergency Medical Technician	3 cr
Earned Certificate of Completion		Total credits
<i>(Complete Application for Graduation form)</i>		26 cr

PROFESSIONAL REQUIRMENTS FOR MICT PROGRAM

- Current State of Hawaii Licensed EMT
- Current NREMT
- Current HCP CPR (or equivalent)
- Documentation of 200 Patient Transports in which you served as an EMT

A.S. DEGREE GENERAL EDUCATION REQUIREMENTS

• Anatomy and Physiology	<i>141L, PHY 142, PHY 142L may be substituted for BIOL 130 & BIOL 130</i>	<i>Variable cr</i>
• English 100	Composition I/ Expository Writing	3 cr
• Health 125	Survey of Medical Terminology	1 cr
• FAMR 230	Survey of Human Growth & Development	3 cr
• Humanities	100 level or higher*(see next page for Humanities courses)	3 cr

General education requirement courses are highly recommended to be taken prior to MICT Program

MICT CURRICULUM *(Three Semester Program)*

• MICT 150	Pre-Hospital Assessment & Treatment I <i>(Spring Semester)</i>	12 cr
• MICT 150	Pre-Hospital Assessment & Treatment II <i>(Summer Session)</i>	5 cr
• MICT 160	Pre-Hospital Assessment & Treatment II <i>(Summer Session)</i>	5cr
• MICT 200	Advanced Pre-Hospital Assessment & Treatment I <i>(Fall Semester)</i>	5 cr
• MICT 301	Pre-Hospital Assessment & Treatment Clinical Experience <i>(Fall Semester)</i>	4 cr
• MICT 302	Pre-Hospital Assessment & Treatment Internship I <i>(Fall Session)</i>	4 cr
• MICT 350	Pre-Hospital Assessment & Treatment Internship II <i>(Spring Semester)</i>	14 cr
Earned Associates in Science Degree		Total credits
		82 cr

ARTS & HUMANITIES (AH)

Courses for KCC AS degree

KCC AS/AH

AMS 201, 202

HUM 269

ART 101, 189

HWST 100, 107

ASAN 100 (AH or SS but not both)

LING 102

DNCE 150

MUS 106, 107, 108, 107

EALL 261, 262, 271, 272

PACS 108, 257, 273

ENG 214, 250, 251, 252, 253, 254

PHIL 100, 101, 102, 211, 213, 250

255, 256, 259 (any alpha)

REL 150, 151, 202

HAW 261, 262

SP 251

HIST 151, 152, 231, 232, 241, 242

THEA 101

252, 281, 282, 284, 288