

MOBILE INTENSIVE CARE TECHNICIAN (PARAMEDIC) CURRICULUM

SPECIAL ADMISSION REQUIREMENTS FOR MOBILE INTENSIVE CARE TECHNICIAN (80- 83 CREDITS)

The deadline for applications to the Mobile Intensive Care Technician (MICT) program is October 1. Acceptance review period is November 1 - November 30. Applicants to the MICT program are required to have current First Aid and BCLS cards.

Additional information is listed in the "Special Requirements for programs in Health Career Education" section. After acceptance to the college, applicants to the Mobile Intensive Care Technician program will be evaluated based on a point system which includes exam scores, letters of recommendation, EMT work and coursework, and an interview. Interviews will be scheduled for applicants with the highest total scores in rank order, highest to lowest, until the admission quota is reached.

The total qualifying scores for the Mobile Intensive Care Technician program are based on the following criteria:

1. English placement test (minimum placement of ENG 100).
2. Math placement test (minimum placement of MATH 24).
3. EMT knowledge exam scores.
4. Letters of recommendation.
5. Grade for EMT course.
6. A minimum of 200 documented Advanced Life Support (ALS) ambulance calls. The 200 documented ALS calls may be accomplished through EMT 110V or EMT 193V or through work experience as an EMT.
7. Interview scores.

ASSOCIATE IN SCIENCE DEGREE (80-83 SEMESTER CREDITS)

Program Description: The Associate in Science degree in Mobile Intensive Care Technician is a 80-83 credit program offered through Kapi'olani Community College, Department of Emergency Medical Services. It prepares students to function as healthcare providers in the prehospital setting. The program is divided into two levels which include the EMT and the MICT. In addition to the EMT and MICT courses, students must complete the following:

BIOL 130/130L (or ZOOL 141/141L and ZOOL 142/142L); HLTH 125 - Medical Terminology; ENG 100; MATH 100 or MATH 100H or higher level mathematics course; A.S. Humanities course (100 level or higher); FAMR 230

Program Competencies: Upon successful completion of the Associate in Science degree in Mobile Intensive Care Technician, the student should be able to perform all

competencies required of an Emergency Medical Technician, and in addition, should be able to:

- Perform in an entry-level position as a Mobile Intensive Care Technician.
- Safely and accurately perform all advanced life support procedures as listed in Board of Medical Examiners rules for Emergency Ambulance Personnel, including:
 - Perform a history and physical examination to assess illness or degree of injury.
 - Perform advanced cardiac life support procedures.
 - Administer medications by the oral, sublingual, subcutaneous, intramuscular, intracardiac, intravenous, and/or endotracheal routes to treat specific medical problems.
 - Perform tracheal intubation.
 - Perform electrocardiograms, interpret life threatening arrhythmias, and recognize abnormalities.
 - Perform defibrillation and cardioversion.
 - Perform closed chest needle thoracostomy.
 - Insert nasogastric tubes and perform gastric lavage.
 - Perform pericardiocentesis.
 - Perform cricothyroid needle insertion.
 - Perform direct laryngoscopy for forceps removal of foreign body.
 - Perform techniques for reflex vagocardiac stimulation.
- Initiate and continue emergency medical care under medical control including the recognition of presenting conditions and initiation of appropriate invasive and non-invasive treatments for: surgical, medical, cardiac and psychiatric emergencies; trauma; and airway and respiratory problems.
- Take a leadership role with ambulance, first responder, and other personnel to ensure the safety and care of the patient.
- Communicate data to the designated medical command authority and carry out medical orders for the patient.
- Exercise personal judgment in case of interruption in medical direction caused by communication failure or in cases of immediate life threatening conditions; under these conditions, provide such emergency care as has been specifically authorized by approved standing orders.
- Participate in continuing education activities for selfimprovement and for the education of others within the field, including following up on selected cases for education and quality assurance.

AS DEGREE CURRICULUM, MOBILE INTENSIVE CARE TECHNICIAN (80-83 CREDITS)

Course	Title	Cr
General Education Courses (17-20 credits)		
ENG 100	Composition I	3
MATH 100 or MATH 100H or higher level mathematics	Survey of Mathematics Math for Health Sciences	3
BIOL 130/130L	Anatomy and Physiology/Laboratory (5)	5
or		
ZOOL 141, 142, ZOOL 141L, 142L	Human Anatomy and Physiology I/II (6) Human Anatomy and Physiology Laboratory I/II (2)	5-8
FAMR 230	Survey of Human Growth and Development	3
KCC AS/AH	A.S. Arts & Humanities Elective (100 level or higher)	3
Support Courses (21 credits)		
EMT 100	EMT-Intermediate	16
EMT 101	Practicum for EMT-Intermediate	4
HLTH 125	Survey of Medical Terminology	1
MICT Courses (42 credits)		
MICT 150	Pre-Hospital Assessment and Treatment I	10
MICT 160	Pre-Hospital Assessment and Treatment II	5
MICT 200	Advanced Pre-Hospital Assessment and Treatment	5
MICT 201	Pre-Hospital Assessment and Treatment Clinical Experience	4
MICT 202	Pre-Hospital Assessment and Treatment Internship I	4
MICT 250	Pre-Hospital Assessment and Treatment Internship II	14
	TOTAL	80-83

The issuance of an A.S. degree requires that the student must earn a G.P.R. of 2.0 or higher for all courses applicable toward the degree. Please note: For the MICT A.S. degree a grade of "C" or higher must be maintained in all required courses. Lists of A.S. electives (KCC AS/AH) are in the "Degree and Certificate Programs" section.

HEALTH SCIENCES

COMMUNITY HEALTH WORKER CURRICULUM

CERTIFICATE OF COMPLETION, COMMUNITY HEALTH WORKER (11 CREDITS)

Program Description: The CHW Certificate of Completion program prepares students to function as primary health care providers and to link disadvantaged families with existing health care resources. This is carried out by identifying needs, providing information, making referrals to appropriate health care providers or agencies, and following up on referrals. The program is currently limited to special enrollment.

Please call the Wai'anae Health Academy at 696-3155 for information.

CERTIFICATE OF COMPLETION, COMMUNITY HEALTH WORKER (11 CREDITS)

Course	Title	Cr
Community Health Worker Courses (11 credits)		
CHW 140	Fundamentals of Community Health Work	4
CHW 145	Community Health Worker Clinical I	1
CHW 100	Self-Exploration for the Community Health Worker	3
CHW 130	Individual Counseling for the Community Health Worker	3
	TOTAL	11

The issuance of a Certificate of Completion requires that the student must earn a G.P.R. of 2.0 or higher for all courses required in the certificate. A grade of "C" or higher must be earned in all required courses.

Program Competencies: Upon successful completion of the Certificate of Completion in Community Health Worker program, the student should be able to:

- Demonstrate basic knowledge and skills in community health needs assessment.
- Work as a part of a community-based health care team.
- Identify and use community resources to meet client needs.
- Identify common health care problems, refer to appropriate resources, and provide selected basic services.
- Apply basic counseling techniques, interviewing and communication skills to working individuals and families.
- Demonstrate appropriate home visiting skills.
- Assist in developing a plan for supplementary services for clients.
- Assist in preparing for termination of services.