



Honolulu Community College



Associate in Applied Science of Fire and Environmental Emergency Response

STUDENT DATA:

NAME: ROADMAP'S DEGREE

SSN: 000-00-0000

Credit Potential
Required Credit

Composition I (ENG 100)

3.00

(Introduction to the rhetorical, conceptual, and stylistic demands of writing at the college level; instruction in the composing process, search strategies, and writing from sources. College credit by examination may apply)

{DANTES Code = 11.07.00}

Technical Mathematics I (MATH 50) [MH062A]

3.00

(Basic algebra and basic geometry as applied to shop problems. Intended for students interested in vocational-technical programs.)

Computing Literacy and Applications (ICS 100) [CS001A]

3.00

(This course is a computer literacy course. It provides those basic concepts and skills related to computers and computing that are needed in today's information age. The students will acquire an understanding of concepts in word processing, spreadsheet management, database management, elementary computer graphics, desk top publishing, electronic mail and telecommunications. They will also learn some of the history of computers and an awareness of the process of creating a computer program. (Credit may be received for only ICS 100, 100E, 100M or 100T) May be taken on a CR/N basis.)

{DANTES Code = 05.02.00}

Technical Physics 1-4 (PHYS 51V)

4.00

(Introductory applied physics (computer-based). Subjects covered will vary with the student's major and may include measurements, simple machines, rotary motion, hydraulics and fluids, statics and equilibrium, force and motion, energy, thermodynamics and gases. Credit varies with student's major. (2 hours lecture/tutorial; 4 hours computer time per week) Length of course varies with number of credits.)

{DANTES Code = any 16.11.XX series}

Essentials of Fire Suppression (FIRE 101)

3.00

(Introduction to modern fire suppression, the behavior of fires, introduction to physics and chemistry of fire, general overview of how fire affects materials, various products, and environments. Suppression agents and systems, equipment and new technology, suppression apparatus, aviation fires, motor vehicle fires, marine fires, wildland fire suppression. May be taken on a CR/N basis.)

Fundamentals of Fire Prevention (FIRE 102) [FR28SA]	3.00
(Introduction to modern fire prevention, public relations involved, introduction to national and local codes used in prevention. An overview of public prevention programs, new technologies used in prevention, inspection procedures and guidelines, current problems, legislation, and enforcement of fire prevention. May be taken on a CR/N basis.)	
Fire Fighting Tactics and Strategies (FIRE 107) [FR37SA]	3.00
(Introduction to Fireground planning and coordination, extinguishment tactics and strategies, functions of different fire companies, various tactical operations, types of extinguishment agents and uses. Pre-planning and command systems, size and types of incidents. Discussion of modern fire problems and suppression tactics and strategies involved. May be taken on a CR/N basis.)	
Management in the Fire Service (FIRE 111)	3.00
(An overview of fire service management theories and application principles in the fire service. Management by objective. Current fire safety education, problem identification and program development strategies are introduced. Fireground management functions; management of financial resources, physical resources, and facilities. May be taken on a CR/N basis.)	
Fire Hydraulics (FIRE 202) [FR35SA]	3.00
(Introduction to theory and practical application of principles of water and fluid flow. Topics include: pumping and pumping apparatus; equipment; mathematical formulas and equations; application procedures; hazards, and safety precautions. Tactics utilized, general fireground rules of thumb, and procedures involved in hydraulic operations. May be taken on a CR/N basis.)	
Introduction to Hazardous Substances in Emergency Response (FIRE 203)	3.00
(This course introduces definitions, terminology, and emergency response considerations of the hazardous materials field. Determining safety precautions and tactics, understanding classification of toxic materials; transportation and storage; fire and health hazards of hazardous substances in emergency response are topics included. Cross-listed with OESM 203. May be taken on a CR/N basis.)	
Environmental Chemistry (CHEM 105)	4.00
(Introductory chemistry course covering basic and applied chemistry necessary for understanding toxicological and environmental effects of chemicals. Coordinated lecture and laboratory activities in basic chemistry, hazardous materials, applied biochemistry, and environmental chemistry.)	
Communications	3.00
(Choose from the following courses.	
DRAM 20	
ENG 21, 22, 51, 60, or 120	
HUM 35	

SP 20, 151, 200

The following course is highly recommended for Fire and Environmental Emergency Response students:

SP 151, Personal and Public Speech

College credit by examination may apply. Visit the HCC website for a description of courses available.)

{DANTES Code = 04.10.00}

General Education Requirement

3.00

(Choose from following categories listed below

1.Understanding the social environment

2. Understanding and appreciating world cultures and values

The following course is highly recommended for Fire and Environmental Emergency Response students:

PSY 180, Psychology of Work.

College credit by examination may apply. Visit the HCC website for a description of courses available.)

Fire Electives

19.00

(The following Fire and Environmental Emergency Response electives are highly recommended:

FIRE 103, Medical Emergency First Responder,
FIRE 117, Basic Rescue in the Fire Service.

Visit the HCC website for a description of courses available.)

Excess or Duplicate Credit

TOTAL

60.00

0.00

Thank you for requesting support from the U.S. Coast Guard Institute (CGI). Whereas we serve as an activity in support of your unit Educational Services Officer (ESO), you are encouraged to seek assistance from your local ESO in your academic endeavors. The following information is provided to help you understand what is presented in this degree plan:

This document is an UNOFFICIAL Degree Plan to provide you with a preliminary assessment of how your prior learning experiences might fit into the specified degree program for this academic institution. If you choose to pursue this degree option, you must present it to a college representative, who will review it for the following:

- o Accurate representation of the college's degree program requirements, including course numbers and titles, credit hours for each course, lower- and upper-level course requirements, and the total number of credits needed for the degree.

- o Appropriate assignment of ACE Guide-recommended credit at the lower or upper level for military service schools and occupations, CLEP, DSST, and other tests, transfer credit for courses from other colleges and universities, certification programs, etc.
- o Appropriate assignment of SOC Course Category Codes from the SOC Handbook Transferability Tables. The SOC Degree Program Handbooks can be obtained from the SOC web site at: www.soc.aascu.org should you wish to learn more about the course transfer guarantees among SOC network institutions.

IMPORTANT NOTE: When you are ready to seek admission into this degree program, please contact the USCG Institute at 1-405-954-7241. Your advisor will send the college or university an official U.S. Coast Guard Institute transcript, a copy of the degree plan, and a ready-for-signature SOC Student Agreement which, when signed by a college official, becomes a contract for degree completion committing the college or university to supporting you in your academic endeavors.

Credit for all courses you have taken must be reflected on official transcripts sent directly to this college from the administrative offices of the colleges you previously attended. This degree plan is often used for information purposes by college counselors pending receipt of the official transcripts from the source colleges.

This degree plan is not intended to compete with your local college or university. Keep in mind, you are allowed to transfer in a significant amount of the degree requirements to this institution. As such, credit from local colleges, college level examination programs, or advanced military training may be applied to this degree. You may also complete the courses necessary from this college either in residence (on campus or possibly on a military base at a campus extension in the Education Center) or through distance delivery of the courses. If you have questions, please contact the college counselor or your advisor listed at the bottom of this Degree Plan.

DEGREE PLAN LEGEND:

SH = Semester hours
VOC = Vocational, not relative to an academic degree
LL = Lower Level, i.e. courses at the Freshman/Sophomore level
UL = Upper Level, i.e. courses at the Junior/Senior level
GL = Graduate Level (sometimes recommended by ACE for very complex courses)
[#] such as [EN024A] or [EN024B] = SOC Course Category Codes*
{#} such as {DANTES Code = 01.02.03} = DANTES Academic Codes **

* SOC Course Category Codes: Service members Opportunity Colleges (SOC) is a consortium of over 1,600 accredited colleges and universities seeking to provide degree opportunities to the military. Over 170 of these institutions participate in network degree programs developed for the Army, Navy, Marine Corps, and Coast Guard. A SOC course category number beside a course from one of these institutions, such as [EN024A] or [EN024B] for English Composition, indicates that courses from other degree program institutions with the same code may be taken to satisfy the degree requirement. See the SOC Degree Programs Handbooks at <http://www.soc.aascu.org/>

** DANTES Academic Codes: The Defense Activity for Non-Traditional Education Support (DANTES) publishes the DANTES Independent Study Catalog (DISC) annually, which lists more than 6,000 courses from dozens of regionally accredited colleges and universities. Because this is a degree from a SOC affiliated college, the academic residency requirements are limited, thereby allowing students to transfer in a significant portion of the degree, as mentioned above. If the course you desire to take is not offered by this institution when you want to take it, consider the opportunities the courses in the DISC present. For more information, visit http://www.dantes.doded.mil/dantes_web/distancelearning/disc/front/cont.htm Keep in mind, you should always check with the counselor or academic advisor at this institution before enrolling in a course listed in the DISC to ensure it will be accepted in transfer toward this degree.

Honolulu Community College General Information:

The origins of Honolulu Community College date to 1920 when it was established as the Territorial Trade School in Palama. In 1955, it was renamed the Honolulu Technical School, and in 1965, it became part of the University of Hawaii. In 1966, the Board of Regents approved the name Honolulu Community College. The College is one of eight units in the UH Community College system.

Between 1966 and 1976 Honolulu Community College experienced very rapid growth and evolved into a fully comprehensive community college. The College offers liberal arts instruction leading to the two-year Associate in Arts degree with transfer of credits to junior class standing at four-year institutions of the State. Honolulu Community College currently offers the Associate in Science, the Associate in Applied Science, and the Associate in Technical Studies degrees as well as shorter certificate programs in more than twenty technical-occupational areas.

Honolulu Community College is an integral part of the University of Hawaii, which is a world-renowned, nationally ranked, and state-funded American institution. Students have direct transfer to the University of Hawaii to complete their four-year baccalaureate degree. The institution also has transfer agreements with other universities in Hawaii and serves as a gateway to over 2,000 universities and colleges across the USA. Students planning to transfer to these institutions will receive special assistance in preparing application documents.

Honolulu Community College is a member of the American Association of Community Colleges and the Western Association of Schools and Colleges. Honolulu Community College has been continuously and fully accredited since 1970 by the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges.

The average cost for tuition per course is around \$45.00 per credit hour for a residents and \$242.00 per credit hour for non- residents. (subject to change)

For more information regarding This degree, please contact:

POC for distance degrees and off-campus studies - Michael McMillen, 808-847-9839
or Jane Maslowski
Honolulu Community College

874 Dillingham Boulevard
Honolulu, HI 96817
(808) 845-9278
E-mail: maslowsk@hcc.hawaii.edu
<http://www.hcc.hawaii.edu>

POLICY NOTES:

General Requirements:

- A minimum grade point average of 2.0.
- 45 semester hours nontraditional or transfer credit may be applied to this degree.
- A minimum of 12 hours of coursework for an Associates degree must be taken from HCC.

Evaluation completed by: Charles Morrison

On: 03 May 2007