

**New Program Code**       **Replace Program Code**

Date: July 15, 2023

**REQUESTOR CONTACT INFORMATION**

Name Kimberley P. Collins      Campus Hawaii Community College  
 Title Vice Chancellor of Academic Affairs      Email kpcollin@hawaii.edu  
 Office/Dept VCAA/Academics      Phone 808-934-2512

**NEW PROGRAM CODE TO CREATE**

Institution Hawaii Community College      Campus HawCC  
 Level UG - Undergraduate      Effective Term Fall 2024

|                    | Code<br>(Max. Characters) | Description                         | Check if requesting new code:                     |
|--------------------|---------------------------|-------------------------------------|---|
| College            | (2) <u>NU</u>             | <u>Nursing &amp; Allied Health</u>  | <input type="checkbox"/> See Banner form STV_COLL |
| Department         | (4) <u>NURS</u>           | <u>Nursing</u>                      | <input type="checkbox"/> See Banner form STV_DEPT |
| Degree/Certificate | (6) <u>CO</u>             | <u>Certificate of Competence</u>    | <input type="checkbox"/> See Banner form STV_DEGC |
| Major              | (4) <u>FS</u>             | <u>Fire Science</u>                 | <input type="checkbox"/> See Banner form STV_MAJR |
| Concentration      | (4) <u>EMT</u>            | <u>Emergency Medical Technician</u> | <input type="checkbox"/> See Banner form STV_MAJR |
| Minor              | (4) _____                 | _____                               | <input type="checkbox"/> See Banner form STV_MAJR |

If a similar major/concentration code exists in Banner, please list the code: \_\_\_\_\_

Justification to warrant a new major/concentration code similar to an existing major/concentration code: \_\_\_\_\_

Is this major/concentration code being used the same way at the other UH campuses?       Yes       No

Should this program be available for applicants to select as their planned course of study on the online application? *If yes, student may select the code as their only program of study.*       Yes       No

**RULES PERTAINING TO FINANCIAL AID AND 150% DIRECT SUBSIDIZED LOAN LIMIT LEGISLATION**

Is 50% or greater of the classes in this program offered at a location other than the Home Campus?       Yes       No

Is this program/major/certificate financial aid eligible?       Yes       No

Does this certificate qualify as a Gainful Employment Program (Title IV-eligible certificate program)?       Yes       No

See <http://www.ifap.ed.gov/GainfulEmploymentInfo/index.html>

**Program Length**

*In academic years; decimals are acceptable. The length of the program should match what is published by the campus in any online and/or written publication.*

**Special Program Designations**

See *Special Program Designations Code Definitions on IRAO Program Code Request webpage*

A       B       N       P       T       U

Required Terms of Enrollment:       Fall       Spring       Summer       Extended

**EXISTING PROGRAM CODE TO REPLACE, IF APPLICABLE**

|  |                           |  |
|--|---------------------------|--|
| Program Code _____   | Program Description _____ |  |
| Institution _____  | Campus _____              | Hawaii Community College                                 |
| College _____  | Department _____          |  |
| Level _____  |                           |  |
| Are current students "grandfathered" under the program code?   |                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Should the old program code be available for use in Banner?  |                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Effective <span style="border: 1px solid black; padding: 2px 10px;"> </span> , old program code will no longer be available to admit or recruit students.  |                           |  |
| <small>Term (ie. Fall 2020)</small>  |                           |  |
| <i>This will turn off the online application, recruitment (effects Banner forms SRASUMI and SRAQUIK) and admissions (effects Banner forms SAADCRV, SAAADMS, SAASUMI, SAAQUIK, and SAAQUAN) Banner modules.</i> |                           |  |
| Effective <span style="border: 1px solid black; padding: 2px 10px;"> </span> , old program code will no longer be available to award degree to students.   |                           |  |
| <small>Term (ie. Fall 2020)</small>  |                           |  |
| <i>This will turn off the general student (effects Banner form SGASTDN) and academic history (effects Banner form SHADEGR) Banner modules.</i>   |                           |  |

**ATTACHMENTS**

**BOR Approved:** Sole-credential Certificate, Associate, Bachelor and Graduate Degrees, and sole credential certificates

- BOR Meeting Minutes & Supporting Documents  Curriculum

**Chancellor Approved:** Concentrations, Certificates and Associate in Technical Studies (ATS) Degree

- Memo from Chancellor to notify Vice President for Academic Planning and Policy regarding program action.  
 Curriculum

**CERTIFICATES ONLY: Please check one (1) statement. This certificate is a...**

BOR approved certificate. BOR Meeting/Approval Date: \_\_\_\_\_

Chancellor approved within an authorized BOR program. BOR Program: \_\_\_\_\_

Chancellor approved CO in accordance with UHCCP 5.203, Section IV.B.10.

**VERIFICATIONS**

*By signing below, I verify that I have reviewed and confirm the above information that is pertinent to my position.*

|  |   |  |
|--|---|--|
| <b>Registrar</b><br>(Print Name)<br><br>Sherise Tiogangco<br>_____ | <b>Financial Aid Officer</b><br>(Print Name)<br><br>Calvin Black<br>_____ | <b>For Community Colleges,<br/>verification of consultation with<br/>OVPCC Academic Affairs:</b><br><br>Tiana Loo<br>_____ |
| <small>Sherise Tiogangco</small>                                   | <small>Jan 29, 2024 Calvin Black</small>                                  | <small>Jan 29, 2024</small>  |
| Signature  | Date  | Date   |
| <small>Jan 31, 2024</small>  |   | <small>Jan 31, 2024</small>  |
|  |   | Signature  |
|  |   | Date   |

**ADDITIONAL COMMENTS**

# CO-FS-EMT

## Fire Science

Current | Fall 2022 – Indefinite

### A) General Information

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**A1) Start Term**

Fall 2022

**A2) Program Title**

Fire Science

**A3) Code**

CO-FS-EMT

**A4) Degree/Certificate**

Certificate of Competence

**A5) Requested Code**

### B) CATALOG INFORMATION

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**B1) Description**

The Emergency Medical Technician (EMT) provides basic and advanced life support to patients in the pre-hospital 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 . These courses meet the curriculum standards set forth by the National Highway Traffic Safety Administration (NHTSA). Graduates are qualified to take the National Registry Examination for certification as an EMT-Basic and Intermediate and may apply for work with an ambulance service.

**Special Comments:**

Students may be required to purchase and/or obtain: uniforms (shirts, pants, and shoes), stethoscope, pen light, glove pouch/pocket mask, background check, drug screening, TB skin test within the last 6 months, and MMR/Varicella/Hepatitis B/Influenza vaccination/titers or boosters if needed. Students will be required to have internet access, participate in service learning activities and purchase textbooks, equipment, insurance among other items.

**B2) Entry Requirements**

**B3) Program Requirements****First Semester****4**

Total Credits

- Completed the following:
  - HLTH125 - Survey of Medical Terminology (1)
  - ENG100 - Composition I (3)

**Second Semester****12.1**

Total Credits

- Earned a "C" or better in:
  - FIRE250 - Emergency Medical Technician (10.5)
  - FIRE251 - Emergency Medical Technician Practicum (1.6)

**Grand Total Credits: 16.1****B4) Total Program Credits**

16.1

**C) CONTENT INFORMATION**

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**C1) Learning Outcomes**

CO-FS-EMT PLO1: Take and pass the National Registry Examination for certification as an Emergency Medical Technician.

**Linked Institution Outcomes**

ILO3: Apply knowledge and skills to make contributions to community that are respectful of the indigenous people and culture of Hawai'i island, as well as other cultures of the world.

ILO2: Utilize critical thinking to solve problems and make informed decisions.

**LINKED COURSE OUTCOMES**

— None —

**Learning Outcomes Alignment (Admin Use Only)****D) OTHER INFORMATION**

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**D1) College**

Career and Technical Education

**D2) Workflow**

Nursing &amp; Allied Health Division

**D3) Comments (Admin Use Only)**

## **E) ATTACHMENTS**

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**E1) Upload applicable files related to this program.**



September 21, 2023

**TO:** Alan Rosenfeld  
Associate Vice President for Academic Programs & Policy

**VIA:** Della Teraoka *Della Teraoka*  
Acting Vice President and Associate Vice President for Academic Affairs

**VIA:** Tiana Loo *TLC*  
Interim Academics Program Officer

**VIA:** Kimberley P. Collins *Kimberley Collins*  
Vice Chancellor for Academic Affairs

**FROM:** Susan Kazama *Suzanne*  
Interim Chancellor

**SUBJECT:** Request for New Program Codes for an Associate of Science (AS) and a Certificate of Competence (CO) in Fire Science-Emergency Medical Technician (FS-EMT)

**SPECIFIC ACTION REQUESTED:**

The Fire Science (FS) program requests your approval to add an Associate of Science (AS) and a Certificate of Competence (CO) in Fire Science-Emergency Medical Technician (FS-EMT), effective Fall 2024.

The program will retain its Certificate of Achievement and Associate of Science in Fire Science (CA-FS and AS-FS).

The Fire Science program will also add SOC Emergency Medical Technician

**ADDITIONAL COST:**

No additional costs are incurred by this action.

**RECOMMENDED EFFECTIVE DATE OF NEW CURRICULA:**

Fall 2024

## **BACKGROUND INFORMATION:**

- The original AS-Fire Science (AS-FS) curriculum was made up of only fire science related courses.
- Hawai`i County is the only County where Fire and Emergency Medical Services are under the Hawai`i County Fire Department.
- Effective Fall 2016, a fifth semester of Emergency Medical Technician (EMT) courses was added.
- February 10, 2020, via memo, the FIRE Program was moved from the Social Science and Public Services Department to Nursing and Allied Health Division.
- Students and folks from the community requested the EMT courses be offered as a certificate similar to KapiolaniCC.
- Hawai`i State Legislature, S.B. NO. 2017, S.D. 1 enacted ACT 119, “creating an additional category for “emergency medical technician 1”, which is an individual who is certified at a higher practice level than emergency medical responders, but does not provide ambulance services. Act 119 required the Hawai`i medical board to establish a pilot program to issue licenses to individuals qualified in emergency medical services upon application therefor; provided the applicant meets various levels of education and training based on national standards and qualifications.”
- A proposal to separate CO-EMT from the AS-FS was submitted and approved in Kualai in 2021, however UHCC System kicked it back advising against a standalone CO.
- The new proposal has four options for students – CO-FS-EMT (16.1 credits), CA-FS (34 credits), AS-FS (61 credits), AS-FS-EMT (66.1 credits). The CO-FS-EMT courses are embedded in the AS-FS-EMT.

### Attachments:

VCAA Memo

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c: Kara Plagmann Wagner, IRAO  
Sherise Tiogangco, Registrar-HawCC  
Michelle (Kanoë) Lambert, Career Pathways Coordinator-HawCC



UNIVERSITY of HAWAII<sup>®</sup>  
**HAWAII**  
 COMMUNITY COLLEGE

**MEMORANDUM**

September 21, 2023

TO: Susan Kazama  
 Interim Chancellor

FROM: Kimberley P. Collins *Kimberley Collins*  
 Vice Chancellor for Academic Affairs

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Attachments:

Fire Science Curriculum, Fall 2024

c: Sherrie Ann Straslicka-Walker  
Sherise Tiogangco  
Kenoa Dela Cruz  
Kanoa Lambert  
Carrie Mospens  
Luzviminda Miguel

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Hawaii Community College  
Fire Science Curriculum  
Fall 2024

|  | <u>CO</u><br><u>FIRE-EMT</u> | <u>CA</u><br><u>FIRE</u> | <u>AS</u><br><u>FIRE</u> | <u>AS</u><br><u>Fire-EMT</u> |
|--|------------------------------|--------------------------|--------------------------|------------------------------|
| <b><u>First Semester (Fall)</u></b>  |                              |                          |                          |                              |
| *Fire 101 Essentials of Fire Suppression   |                              | 3                        | 3                        | 3                            |
| *Fire 101L Essentials of Fire Suppression  |                              | 1                        | 1                        | 1                            |
| *Fire 151 Introduction to Wildland Fire Control  |                              | 3                        | 3                        | 3                            |
| *Fire 156 Incident Command System  |                              | 3                        | 3                        | 3                            |
| ICS 100 Computing Literacy & Applications, or<br>ICS 101 Digital Tools for the Information Age |                              |                          | 3                        | 3                            |
| General Elective ( <i>100 level or higher</i> )  |                              |                          | <u>3</u>                 |                              |
|  |                              |                          | 16                       | 13                           |
| <b><u>Second Semester (Spring)</u></b>   |                              |                          |                          |                              |
| Fire 153 Advanced Wildland Fire Control  |                              | 3                        | 3                        | 3                            |
| Fire 157 Intermediate Wildland Fire Behavior   |                              | 3                        | 3                        | 3                            |
| Hlth 125 Survey of Medical Terminology   | 1                            |                          | 1                        | 1                            |
| Math 100 or higher   |                              |                          | 3                        | 3                            |
| Eng 100 Composition I  | 3                            |                          | 3                        | 3                            |
|  |                              |                          | 13                       | 13                           |
| 13   |                              |                          |                          |                              |
| <b><u>Third Semester (Fall)</u></b>  |                              |                          |                          |                              |
| Fire 212 Fire Fighting Tactics and Strategies  |                              | 3                        | 3                        | 3                            |
| Fire 215 Wildland/Urban Interface Operations   |                              | 3                        | 3                        | 3                            |
| Fire 202 Fire Hydraulics   |                              | 3                        | 3                        | 3                            |
| Biol 100 Human Biology   |                              |                          | 3                        |                              |
| Biol 100L Human Biology  |                              |                          | 1                        |                              |
| Elective ( <i>Diversification-Social Sciences 100 level or higher</i> )                        |                              |                          | <u>3</u>                 | <u>3</u>                     |
|  |                              |                          | 16                       | 12                           |
| <b><u>Fourth Semester (Spring)</u></b>   |                              |                          |                          |                              |
| Fire 207 Hazardous Materials Operations  |                              | 3                        | 3                        | 3                            |
| Fire 210 Fire Administration   |                              | 3                        | 3                        | 3                            |
| Fire 217 Firefighter Life Safety   |                              | 3                        | 3                        | 3                            |
| Phyl 141 Human Anatomy & Physiology I  |                              |                          | 3                        | 3                            |
| Phyl 141L Human Anatomy & Physiology I Lab   |                              |                          | 1                        | 1                            |
| Sp 251 Public Speaking , or<br>Sp151 Personal and Public Speech                                |                              |                          | <u>3</u>                 | <u>3</u>                     |
|  |                              |                          | 16                       | 16                           |
| <b><u>Fall Semester</u></b>  |                              |                          |                          |                              |
| Fire 250 Emergency Medical Technician (EMT) (180.5 hrs.)                                       | 10.5                         |                          |                          | 10.5                         |
| Fire 251 Emergency Medical Technician Practicum (48 hrs.)                                      | 1.6                          |                          |                          | 1.6                          |
|  |                              |                          |                          | 12.1                         |

Total credits required:

|   |  |        |      |         |
|---|--|--------|------|---------|
| Certificate of Competence, Emergency Medical Technician |  | Total  | 16.1 | Credits |
| Certificate of Achievement, Fire Science Degree         |  | Total: | 34   | Credits |
| Associate in Science, Fire Science Degree               |  | Total: | 61   | Credits |
| Associate in Science, Fire Science Degree (EMT)         |  | Total: | 66.1 | Credits |

**Note:** \* Indicates mandatory entry level courses.