

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 (Max. Characters)	Description	Check if requesting new code:
College	(2) <u>NU</u>	<u>Nursing & Allied Health</u>	<input type="checkbox"/> See Banner form STVCOLL
Department	(4) <u>NURS</u>	<u>Nursing</u>	<input type="checkbox"/> See Banner form STVDEPT
Degree/Certificate	(6) <u>AS</u>	<u>Associate in Science</u>	<input type="checkbox"/> See Banner form STVDEGC
Major	(4) <u>FS</u>	<u>Fire Science</u>	<input type="checkbox"/> See Banner form STVMAJR
Concentration	(4) <u>EMT</u>	<u>Emergency Medical Technician</u>	<input type="checkbox"/> See Banner form STVMAJR
Minor	(4) _____	_____	<input type="checkbox"/> See Banner form STVMAJR

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:

Align with HonCC FS program

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. 2.5

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 <u>Hawaii Community College</u>
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 , 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 , 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.

Registrar (Print Name) Sherise Tiogangco	Financial Aid Officer (Print Name) Calvin Black	For Community Colleges, verification of consultation with OVPCC Academic Affairs: Tiana Loo
---	--	---

<small>Sherise Tiogangco</small>	<small>Calvin Black</small>	<small>Tiana Loo</small>
<small>Jan 29, 2024</small>	<small>Jan 29, 2024</small>	<small>Jan 31, 2024</small>
Signature	Signature	Signature
Date	Date	Date

ADDITIONAL COMMENTS

A3) Code AS-FS-EMT

Future | Fall 2024 – Indefinite

A) General Information

A1) Start Term ⓘ

Fall 2024

A2) Program Title

AS-FS-EMT

A3) Code**A4) Degree/Certificate** ⓘ

Associate in Science

A5) Requested Code ⓘ

AS-FS-EMT

B) CATALOG INFORMATION

B1) Description

The Fire Science Program prepares individuals with the academic knowledge for entry employment in the Fire Service field as well as meeting the needs of in-service professionals.

Upon completion of this program, students will have the knowledge to prepare for a career with federal, state, and local fire and emergency service agencies, with an emphasis on Structural Fire Fighting, Wildland Fire Suppression, Hazardous Materials Incidents, Fire Prevention and Investigation, Emergency Medical Technician, Fire Management and Administration, and the Incident Command System.

After earning the Associate in Science (A.S.) Degree, students have the opportunity to pursue a bachelor's degree in Fire Administration from an accredited university through distance learning. See program faculty for a list of courses that will transfer.

Health and physical requirements vary with different employers in the Fire Service field, so prospective students should seek advice before enrolling.

B2) Entry Requirements

None

B3) Program Requirements**First Semester****13**

Total Credits

- Complete all of the following
 - Completed the following:
 - FIRE101 - Essentials of Fire Suppression (3)
 - FIRE101L - Essential of Fire Suppression Laboratory (1)
 - FIRE151 - Introduction to Wildland Fire Control (3)
 - FIRE156 - Incident Command System (3)
 - Earned at least 3 credits from the following:
 - ICS100 - Computing Literacy and Applications (3)
 - ICS101 - Digital Tools for the Information World (3)

Second Semester**13**

Total Credits

- Complete all of the following
 - Completed the following:
 - FIRE153 - Advanced Wildland Firefighting (3)
 - FIRE157 - Intermediate Wildland Fire Behavior (3)
 - HLTH125 - Survey of Medical Terminology (1)
 - ENG100 - Composition I (3)
 - Earned at least 3 credits from the following:
 - MATH100 - Survey of Mathematics (3)
 - MATH103 - Introduction to College Algebra (3)
 - MATH115 - Statistics (3)
 - MATH135 - Pre-Calculus: Elementary Functions (3)
 - MATH140 - Pre-Calculus: Trigonometry and Analytic Geometry (3)
 - MATH241 - Calculus I (4)

Third Semester**12**

Total Credits

- Complete all of the following
 - Completed the following:
 - FIRE212 - Firefighting Strategies and Tactics (3)
 - FIRE215 - Wildland/Urban Interface Operations (3)
 - FIRE202 - Fire Hydraulics (3)
 - Completed at least 3 credits from the following types of courses:
Elective (Diversification-Social Sciences 100 level or higher)

Fourth Semester**28.1**

Total Credits

- Complete all of the following
 - Completed the following:
 - FIRE207 - Hazardous Materials Awareness and Operations (3)
 - FIRE210 - Fire Administration (3)

- FIRE217 - Firefighter Life Safety (3)
- PHYL141 - Human Anatomy and Physiology I (3)
- PHYL141L - Human Anatomy and Physiology I Lab (1)
- Earned at least 3 credits from the following:
 - SP151 - Personal and Public Speech (3)
 - SP251 - Principles of Effective Public Speaking (3)

Rule Subcategory 1

12.1

Total Credits

- Completed the following:
 - FIRE250 - Emergency Medical Technician (10.5)
 - FIRE251 - Emergency Medical Technician Practicum (1.6)

Grand Total Credits: 66.1

B4) Total Program Credits

66.1

C) CONTENT INFORMATION

C1) Learning Outcomes

FS PLO1: Meet the minimum academic training requirements of the National Fire Protection Association's (NFPA) Standard 1001, Standard for Fire Fighter Professional Qualifications (Fire Fighter I).

Linked Institution Outcomes

ILO1: Communicate effectively in a variety of situations.

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

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.

ILO6: Contribute to sustainable environmental practices for personal and community well-being.

LINKED COURSE OUTCOMES

— None —

FS PLO2: Perform as fully qualified wildland firefighters (FFT2) in accordance with National Wildfire Coordinating Group PMS 310-1 standards.

Linked Institution Outcomes

ILO1: Communicate effectively in a variety of situations.

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

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.

ILO6: Contribute to sustainable environmental practices for personal and community well-being.

LINKED COURSE OUTCOMES

— None —

FS PLO3: Utilize the Incident Command System to manage a wide variety of planned and un-planned incidents.

Linked Institution Outcomes

ILO1: Communicate effectively in a variety of situations.

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

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.

LINKED COURSE OUTCOMES

— None —

FS PLO4: Demonstrate knowledge of modern fire service strategies, tactics, and management for both structural and wildland fire incidents.

Linked Institution Outcomes

ILO1: Communicate effectively in a variety of situations.

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

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.

ILO6: Contribute to sustainable environmental practices for personal and community well-being.

LINKED COURSE OUTCOMES

— None —

FS PLO5: Meet the requirements for National Fire Protection Association's (NFPA) 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents for the Awareness and Operational Levels.

Linked Institution Outcomes

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

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.

LINKED COURSE OUTCOMES

— None —

FS PLO6: Apply the principles of interpersonal communication, cooperative teamwork, supervision, and management for leadership in the fire service.

Linked Institution Outcomes

ILO1: Communicate effectively in a variety of situations.

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.

LINKED COURSE OUTCOMES

— None —

FS PLO7: Apply theoretical principles of the chemistry of fire and hydraulics to solve water supply problems.

Linked Institution Outcomes

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

LINKED COURSE OUTCOMES

— None —

Learning Outcomes Alignment (Admin Use Only)

D) OTHER INFORMATION

D1) College

Career and Technical Education

D2) Workflow 

Nursing & Allied Health Division

D3) Comments (Admin Use Only)

E) ATTACHMENTS

E1) Upload applicable files related to this program.