

# HAWAI‘I COMMUNITY COLLEGE, 2024-2025

## Fire Science (FS)

**Program Requirements** (AS FS-EMT Overall [66.1 credits, cumulative GPA 2.0 required from all courses])  
 (AS FS Overall [61 credits, cumulative GPA 2.0 required from all courses])  
 (CA FS Overall [34 credits, cumulative GPA 2.0 required from all courses])  
 (CO FS-EMT Overall [16.1 credits, cumulative GPA 2.0 required from all courses])

Course	Course Name	Semester, Year & Grade	CO-EMT  Credits	CA  Credits	AS  Credits	AS-EMT  Credits
<b>Fall:</b>						
FIRE 101	Essentials of Fire Suppression		---	3	3	3
FIRE 101L	Essentials of Fire Suppression Lab		---	1	1	1
FIRE 151	Introduction to Wildland Fire Control		---	3	3	3
FIRE 156	Incident Command System		---	3	3	3
ICS 100 <b>OR</b> ICS 101	Computing Literacy and Applications  Digital Tools for the Information World		---	---	3 (3)	3 (3)
ELECTIVE	General Elective (100 level or higher)		---	---	3	---
	<b>Semester Total</b>		<b>0</b>	<b>10</b>	<b>16</b>	<b>13</b>
<b>Spring:</b>						
FIRE 153	Advanced Wildland Firefighting		---	3	3	3
FIRE 157	Intermediate Wildland Fire Behavior		---	3	3	3
ENG 100 / ENG 100E	Composition I / Composition I (ESL)		3	---	3	3
HLTH 125	Survey of Medical Terminology		1	---	1	1
MATH 100**	Survey of Mathematics (Math 100, 103, 115, 135, 140, or 241)		---	---	3	3
	<b>Semester Total</b>		<b>4</b>	<b>6</b>	<b>13</b>	<b>13</b>
<b>Fall:</b>						
FIRE 202	Fire Hydraulics		---	3	3	3
FIRE 212	Firefighting Strategies and Tactics		---	3	3	3
FIRE 215	Wildland/Urban Interface Operations		---	3	3	3
BIOL 100	Human Biology		---	---	3	---
BIOL 100L	Human Biology Lab		---	---	1	---
ELECTIVE	Diversifications – Social Sciences (DS) (see next page)		---	---	3	3
	<b>Semester Total</b>		<b>0</b>	<b>9</b>	<b>16</b>	<b>12</b>
<b>Spring:</b>						
FIRE 207	Hazardous Materials Awareness/Operations		---	3	3	3
FIRE 210	Fire Administration		---	3	3	3
FIRE 217	Firefighter Life Safety		---	3	3	3
PHYL 141	Human Anatomy and Physiology I (formerly BIOL 141) (DB)		---	---	3	3
PHYL 141L	Human Anatomy and Physiology I Lab (formerly BIOL 141L) (DY)		---	---	1	1
SP 151 <b>OR</b> SP 251	Personal and Public Speech (DA)  Principles of Effective Public Speaking (DA)		---	---	3 (3)	3 (3)
	<b>Semester Total</b>		<b>0</b>	<b>9</b>	<b>16</b>	<b>16</b>

<b>Course</b>	<b>Course Name</b>	<b>Semester, Year &amp; Grade</b>	<b>CO- EMT</b>	<b>CA</b>	<b>AS</b>	<b>AS- EMT</b>
			<b>Credits</b>	<b>Credits</b>	<b>Credits</b>	<b>Credits</b>
<b>Fall:</b>						
FIRE 250	Emergency Medical Technician		10.5	---	---	10.5
FIRE 251	Emergency Medical Technician Practicum		1.6	---	---	1.6
	<b>Semester Total</b>		<b>12.1</b>	<b>0</b>	<b>0</b>	<b>12.1</b>
<b>DIVERSIFICATION – SOCIAL SCIENCES (DS)</b> [1 COURSE REQUIRED – 3 cr.]						
ANTH 150, 200, BOT 105, ECED 105, 110, 131, ECON 130, 131, GEO 122, HDFS 230 (formerly FAMR 230), HSER 110, PSY 100, 170, 275, SOC 100, SSCI 111, 150, WGSS 151			---	---	---	---
<b>Total Credits</b>			<b>16.1</b>	<b>34</b>	<b>61</b>	<b>66.1</b>

### Courses completed that do not apply to major

<b>Course</b>	<b>Sem., Yr. &amp; Grade</b>	<b>Course</b>	<b>Sem., Yr. &amp; Grade</b>

\*\*Any Math course at or above Math 100.

† Cross-listed courses count only once for graduation requirements.