

FIRE SERVICE ADMINISTRATION (EOU TRANSFER) - ASSOCIATE OF SCIENCE (AS)

Description

The Fire Service Administration (EOU Transfer) Associate of Science is intended to prepare students to transfer to Eastern Oregon University's Fire Service Administration program and is designed for students seeking a career in the fire service industry or upgrading their skills for current fire service employment. The program meets or exceeds the required technical skills and knowledge necessary for employment in many fire service organizations throughout the country.

Statewide General Education Student Learning Outcomes

Please see the [General Education page](#) for statewide general education student learning outcomes.

Entrance Requirements

Academic Entrance Requirements

Recommended:

- Completion of WR 065 Rhetoric and Critical Thinking II or higher or minimum placement Wr/Comm Level 7
- Completion of MTH 098 Math Literacy or higher or minimum placement Math Level 16

Other Entrance Requirements

Recommended:

- High school diploma or GED
- Students must be 18 or older for FIRE 175 NFPA Firefighter 1 Academy, state and national testing for emergency medical technician (EMT) and for affiliation with a fire agency. Students do not need to be 18 to begin taking fire courses.
- Immunization documentation (hepatitis B or release, current TB, MMR immunizations—at least two of the three shots)

Required:

- All students enrolled in an EMT course and/or seeking agency affiliation, or any course requiring practical experience, will have to pass a criminal history check (CHC) as a condition of their acceptance into a medical, fire or other facility for training. Information regarding CHC standards can be found on the [EMS page](#). Students who do not pass the CHC may not be eligible to complete training at affiliated sites, to sit for licensure or certification exams, or to be hired for some professional positions. Students who believe their personal history may interfere with their ability to complete the program of study or to obtain licensure or certification in their chosen field should contact the appropriate state board or the program director.

Physical Requirements

Emergency Medical Services and Fire Science program students must be able to demonstrate the physical requirements that these occupations demand. Admission, progression and graduation are contingent upon

the student's ability to perform these essential functions (with or without reasonable accommodations).

Students must be able to perform their occupational requirements, including:

- Heavy lifting and pushing (50-180 lbs. or more)
- Climbing, balancing, stooping, kneeling, crouching, crawling, reaching

Emergency Medical Services clinicals include additional requirements:

- Standing and walking for prescheduled eight-, ten- or twelve-hour shifts

Fire Science additional requirements:

- There will be courses within the program that require moving, lifting and manipulating fire hoses, ladders and equipment that can weigh 50 pounds or more, while wearing 60 pounds of protective gear. An appropriate level of fitness is required to complete these tasks.

View the EMS and Fire Science standards at the following web links:

- [Fire Science Education Standards](#)
- [EMS Education Standards](#)

For questions and additional information please email: fire@cocc.edu (fire@cocc.edu)

Course Requirements

Course	Title	Credits
General Education/Foundational		
Mathematics		
MTH 105Z	Math in Society (or higher)	4
Oral Communication		
COMM 111Z	Public Speaking	4
	or COMM 218Z Interpersonal Communication	
Writing		
WR 121Z	Composition I	4
WR 122Z	Composition II	4
General Education/Discipline Studies		
Aesthetics and Humanities (EOU): ¹		6
ART 101	Introduction to the Visual Arts	
ARH 201	Art History: Western: Prehistory to Early Byzantine	
ARH 202	Art History: Western: Early Medieval to Late Renaissance	
ARH 203	Art History: Western: Baroque to Early Modern	
COMM 115	Introduction to Intercultural Communication	
ENG 201	Shakespeare	
ENG 202	Shakespeare	
FA 101	Introduction to Film	
FA 125	World Cinema	
MUS 111	Music Theory IA	
MUS 113	Music Theory IC	

SPAN 101	First Year Spanish I	
SPAN 102	First Year Spanish II	
SPAN 103	First Year Spanish III	
SPAN 201	Second Year Spanish I	
SPAN 202	Second Year Spanish II	
SPAN 203	Second Year Spanish III	
Artistic Process and Creation (EOU): ¹		6
ART 110	Beginning Graphic Design	
ART 115	Basic Design: 2-D	
ART 116	Basic Design: Color	
ART 121	Ceramics: Introduction to Hand Building	
ART 131	Beginning Drawing	
ART 132	Intermediate Drawing	
ART 161	Photography: Darkroom Basics	
ART 181	Beginning Painting	
ART 191	Sculpture	
ART 265	Photography: Digital Basics	
MUS 101	Music Fundamentals	
TA 141	Acting I	
TA 142	Acting II	
TA 200	Introduction to Theater	
WR 241	Creative Writing: Fiction	
WR 242	Creative Writing: Poetry	
WR 243	Creative Writing: Scriptwriting	
Natural, Mathematical and Information Systems (EOU): ²		6
ASTR 100	Introductory Astronomy: Overview of the Universe	
AV 108	Aviation Meteorology	
BI 101	General Biology: Cells & Genes	
BI 102	General Biology: Evolution	
BI 103	General Biology: Ecology	
BI 221Z	Principles of Biology: Cells	
BI 222Z	Principles of Biology: Organisms	
BI 223Z	Principles of Biology: Ecology and Evolution	
CH 104	Introduction to Chemistry I	
CH 105	Introduction to Chemistry II	
CH 106	Introduction to Chemistry III	
CH 107	Physical Science: Chemistry	
CH 221Z & CH 227Z	General Chemistry I and General Chemistry I Laboratory	
CH 222Z & CH 228Z	General Chemistry II and General Chemistry II Laboratory	
CH 223Z & CH 229Z	General Chemistry III and General Chemistry III Laboratory	
G 100	Introduction to Geology	
GEOG 279	Physical Geography: From Severe Weather to Climate Change	
GS 104	Physical Science: Physics	
MTH 105Z	Math in Society	
MTH 211	Fundamentals of Elementary Mathematics I	
MTH 212	Fundamentals of Elementary Mathematics II	
MTH 213	Fundamentals of Elementary Mathematics III	
MTH 244	Introduction to Probability and Statistics 2	
MTH 251Z	Differential Calculus	

MTH 252Z	Integral Calculus
MTH 253Z	Calculus: Sequences and Series
MTH 254	Vector Calculus I
PH 201	General Physics I
PH 202	General Physics II
PH 203	General Physics III
PSY 201Z	Introduction to Psychology I
STAT 243Z	Elementary Statistics I
Social Sciences (EOU): ¹	
6	
ANTH 102	Archaeology
ANTH 103	Cultural Anthropology
EC 201Z	Principles of Microeconomics
EC 202Z	Principles of Macroeconomics
GEOG 107	Human Geography: The Cultural Landscape
HST 101	Europe: The Classical Era (pre-history to 600 C.E.)
HST 201	Early America - History of the United States (pre-history to 1820)
HST 202	19th and early 20th Century United States History (1820-1920)
PHE 231	Human Sexuality
PS 201	Introduction to US Government and Politics
PS 205	Introduction to International Relations
PSY 202Z	Introduction to Psychology II
SOC 204Z	Introduction to Sociology (Recommended)

Program Requirements

FIRE 104	Introduction to Emergency Services	4
FIRE 105	Firefighter Safety & Survival	3
FIRE 110	Building Construction for Fire Personnel	3
FIRE 112	Public Education and Fire Prevention	3
FIRE 114	Fire Codes and Ordinances	3
FIRE 120	Fire Protection Systems	3
FIRE 123	HazMat Awareness & Operations	3
FIRE 175	NFPA Firefighter 1 Academy	7
FIRE 205	Fire Behavior & Combustion	3
FIRE 232	Fire Protection Hydraulics and Water Supply	4
FIRE 265	Fire and Emergency Service Administration	3
FIRE 275	Tactics & Strategies	3

Human Relations: 3-4**Electives³** **21****Total Credits** **106-107**¹ A minimum of 6, and maximum of 20 credits, in at least two disciplines.² A minimum of 6, maximum of 20 credits, in at least two disciplines, including at least one physical or biological science.³ Choose any course from the following EOU categories: Aesthetics and Humanities; Social Sciences; Natural, Mathematical and Info Systems; Artistic Process and Creation. No more than 20 credits per category.

Advising Notes

This degree is designed for students who wish to transfer to Eastern Oregon University's Fire Service Administration program. For more information on this bachelor degree program, please contact the program director at 541-383-7404.

Most program courses begin once per year in Fall term. There are a few entry-level courses offered several times per year, and non-program support courses can begin in a term other than Fall or if students need to build skills related to the prerequisites. As a general rule, all FIRE-prefix courses should be taken in sequence in term offered during the second year of program. Exceptions can be made based on individual student education and experience.

Contact fire@coocc.edu for more information about this program.

Performance Standards

- Academic Requirements:
 - Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
 - All courses must be completed with a "C" grade or higher.
- Additional Requirements:
 - Students may not be able to complete the degree if the student has violated a criminal or ethical standard or guideline established by the program in regard to certification requirements.
 - Prior to taking the National Register of EMT exam and applying for Oregon EMT licensure, students must answer background information questions concerning felony convictions, any regulatory discipline, ethical violations and mental competence on the state of Oregon EMS Licensure application. For more information, contact the program director.

Sample Plan

First Year

Fall		Credits
Artistic Process & Creation		3
Elective		3
FIRE 104	Introduction to Emergency Services	4
FIRE 105	Firefighter Safety & Survival	3
WR 121Z	Composition I	4
Credits		17

Winter

Aesthetics & Humanities		3
FIRE 112	Public Education and Fire Prevention	3
FIRE 114	Fire Codes and Ordinances	3
FIRE 120	Fire Protection Systems	3
WR 122Z	Composition II	4
Credits		16

Spring

Elective		3
FIRE 110	Building Construction for Fire Personnel	3
FIRE 175	NFPA Firefighter 1 Academy	7
Natural, Mathematical and Information Systems		3
Social Science		3
Credits		19

Second Year

Fall		
Aesthetics & Humanities		3
Elective		3
FIRE 123	HazMat Awareness & Operations	3

FIRE 205	Fire Behavior & Combustion	3
Natural, Mathematical and Information Systems		3
MTH 105Z	Math in Society (or higher)	4
Credits		19

Winter

Artistic Process & Creation		3
Elective		4
COMM 111Z or COMM 218Z	Public Speaking or Interpersonal Communication	4
FIRE 265	Fire and Emergency Service Administration	3
Social Science (recommend SOC 204Z)		4
Credits		18

Spring

Elective		4
Elective		4
FIRE 232	Fire Protection Hydraulics and Water Supply	4
FIRE 275	Tactics & Strategies	3
Human Relations:		3-4
Credits		18-19
Total Credits		107-108