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

Description
The Fire Service Administration (EOU Transfer) Associate of Science (AS) is intended to prepare students to transfer to Eastern Oregon University's Fire Service Administration (FSA) degree 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.

Learning Outcomes

Arts & Letters
1. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life; and
2. Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues.

Cultural Literacy
1. Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference.

Health
1. Explain the relationship between human behavior and health.

Mathematics
1. Use appropriate mathematics to solve problems; and
2. Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

Science or Computer Science
1. Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models and solutions and generate further questions;
2. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner; and
3. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

Social Science
1. Apply analytical skills to social phenomena in order to understand human behavior; and
2. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

Speech/Oral Communication
1. Engage in ethical communication processes that accomplish goals;
2. Respond to the needs of diverse audiences and contexts; and
3. Build and manage relationships.

Writing and Information Literacy
1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences;
2. Recognize and articulate the need for information, and then locate, evaluate, and ethically utilize that information to communicate effectively; and
3. Demonstrate appropriate reasoning in response to complex issues.

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 060 Beginning Algebra I (or higher) or minimum placement Math Level 14.

Other Entrance Requirements
• Recommended:
  • High school diploma or GED.
  • Students must be 18 or older for state and national testing for EMT and for affiliation with a fire agency. Students do NOT need to be 18 to begin taking SFS courses.
  • Documentation of completion of immunizations (Hepatitis B or release, current TB, MMR immunizations at least two of the three shots).
• Required:
  • All COCC students enrolled in the 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 COCC's paramedicine website (https://www.cocc.edu/programs/ems/default.aspx). 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.

Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 105</td>
<td>Math in Society (or higher)</td>
<td>4</td>
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</table>
### Oral Communication
- **COMM 111**: Fundamentals of Public Speaking (3-4)
  or **COMM 218**: Interpersonal Communication

### Writing
- **WR 121**: Academic Composition (4)
- **WR 122**: Argument, Research, and Multimodal Composition (4)

### General Education/Discipline Studies

#### Aesthetics and Humanities (EOU): 1
- **ARH 201**: Art History: Western: Prehistory to Early Byzantine (1)
- **ARH 202**: Art History: Western: Early Medieval to Late Renaissance (1)
- **ARH 203**: Art History: Western: Baroque to Early Modern (1)
- **COMM 115**: Introduction to Intercultural Communication (1)
- **ENG 201**: Shakespeare (1)
- **ENG 202**: Shakespeare (1)
- **FA 101**: Introduction to Film (1)
- **FA 125**: World Cinema (1)
- **MUS 111**: Music Theory IA (1)
- **MUS 113**: Music Theory IC (1)
- **SPAN 101**: First Year Spanish I (1)
- **SPAN 102**: First Year Spanish II (1)
- **SPAN 103**: First Year Spanish III (1)
- **SPAN 201**: Second Year Spanish I (1)
- **SPAN 202**: Second Year Spanish II (1)
- **SPAN 203**: Second Year Spanish III (1)

#### Artistic Process and Creation (EOU): 1
- **ART 110**: Introduction to Graphic Design (1)
- **ART 115**: Basic Design: 2-D (1)
- **ART 116**: Basic Design: Color (1)
- **ART 121**: Ceramics: Introductory Hand Building (1)
- **ART 131**: Beginning Drawing (1)
- **ART 132**: Intermediate Drawing (1)
- **ART 161**: Photography I (1)
- **ART 181**: Beginning Painting (1)
- **ART 191**: Sculpture (1)
- **ART 265**: Digital Photography (1)
- **MUS 101**: Music Fundamentals (1)
- **TA 200**: Introduction to Theater (1)
- **TA 141**: Acting I (1)
- **TA 142**: Acting II (1)
- **WR 241**: Introduction to Creative Writing: Fiction (1)
- **WR 242**: Introduction to Creative Writing: Poetry (1)
- **WR 243**: Introduction to Creative Writing: Scriptwriting (1)

#### Natural, Mathematical and Information Systems (EOU): 2
- **CH 105**: Introduction to Chemistry I (1)
- **CH 106**: Introduction to Chemistry II (1)
- **CH 221**: General Chemistry I (1)
- **CH 222**: General Chemistry II (1)
- **CH 223**: General Chemistry III (1)
- **GEOG 279**: Physical Geography-Weather and Climate (1)
- **GS 104**: Physical Science: Physics (1)
- **GS 105**: Physical Science: Chemistry (1)
- **GS 106**: Physical Science: Geology (1)
- **GS 107**: Physical Science: Astronomy (1)
- **MTH 105**: Math in Society (1)
- **MTH 211**: Fundamentals of Elementary Mathematics I (1)
- **MTH 212**: Fundamentals of Elementary Mathematics II (1)
- **MTH 213**: Fundamentals of Elementary Mathematics III (1)
- **MTH 243**: Introduction to Probability and Statistics I (1)
- **MTH 244**: Introduction to Probability and Statistics 2 (1)
- **MTH 251**: Calculus I (1)
- **MTH 252**: Calculus II (1)
- **MTH 253**: Calculus III (1)
- **MTH 254**: Vector Calculus I (1)
- **PH 201**: General Physics I (1)
- **PH 202**: General Physics II (1)
- **PH 203**: General Physics III (1)
- **PSY 201**: Mind and Brain (1)

#### Recommendations: SOC 201

### Program Requirements
- **FOR 211**: Supervision and Leadership (3)
  or **BA 285**: Business Human Relations (3)
- **SFS 101**: Introduction to Emergency Services (4)
- **SFS 102**: Fire Service Safety and Survival (3)
- **SFS 105**: Fire Behavior & Combustion I (3)
- **SFS 110**: Building Construction for Fire Personnel (3)
- **SFS 112**: Public Education and Fire Prevention (3)
- **SFS 120**: Fixed Systems and Extinguishers (3)
- **SFS 232**: Fire Protection Hydraulics and Water Supply (4)
- **SFS 275**: Capstone: Tactics & Strategies (3)
Electives \(^3\) 22

Total Credits 90-91

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 Information 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 degree upon completion. For more information on this bachelor degree program, please contact the program director at 541-383-7404.

Most Fire Service Administration program-specific 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 SFS-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.

Performance Standards
• Academic Requirements:
  • Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree. Students affiliated with a local Fire/EMS agency who are receiving a scholarship will be held to a higher GPA standard depending on affiliation location. Students who do not meet this standard may be dismissed from the program.
  • All courses must be completed with a "C" grade or higher.
• Additional Requirements:
  • Students may also be dismissed if the student has violated a criminal or ethical standard or guideline established by the college and/or program.
  • 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 Paramedicine/ SFS director, 541.383.7404.

Sample Plan
First Year
Fall
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<td>Introduction to Emergency Services</td>
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<tr>
<td>SFS 102</td>
<td>Fire Service Safety and Survival</td>
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<tr>
<td>WR 121</td>
<td>Academic Composition</td>
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Credits 15

Winter
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<tr>
<td>SFS 120</td>
<td>Fixed Systems and Extinguishers</td>
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<tr>
<td>Social Science (recommend SOC 201)</td>
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Second Year
Fall
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Credits 17

Spring
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Elective 4

Credits 15

Total Credits 91-93