



# CAREER PATHWAYS

Grow here. Learn here. Work here.



## Fire Science Associate of Applied Science

Through hands-on experience and career connections with local fire departments, you will learn the specialized demands of this highly diversified and technological career. The fire science program will provide students with quality cognitive and psychomotor skills that will help prepare them to be a firefighter.

### CAREER HIGHLIGHTS

#### JOB TYPES:



Firefighter  
Wildland Firefighter  
Paramedic



**SALARY RANGE:** \$35,740 to \$90,140

#### LOCAL INDUSTRY:



Roseburg Fire Department  
Douglas County Fire Dist. 2  
Douglas Forest Protection Association  
Local town, city, and county fire agencies



**Fire Science**  
**Associate of Applied Science**  
92 - 93 credits required  
Two years of college coursework

# Fire Science Pathway

RHS

FIRE SCIENCE ASSOCIATE OF APPLIED SCIENCE

GRADE 9

Intro to Health Science (No DC)

GRADE 10

Advanced Medical (ES101, HE260)  
Honors Chemistry (CH104)

GRADE 11

CTE Math  
Writing 121/122 (WR121Z only)

GRADE 12

Fire Science (FRP121A/FRP123/FRP133)  
EMT I/II (EMS151/152)  
Speech (No DC)

Graduate from Roseburg High School and enroll at UCC

YEAR 1  
FALL

EMS151 EMT I  
ES101 Principles of Emergency Services  
FRP121A Elementary Fire Science Part I  
FRP123 Hazardous Materials

WINTER

EMS152 EMT II  
FRP121B Elementary Fire Science Part 2  
FRP133 Natural Cover Fire Protection  
FRP230 Fire Service Hydraulics

SPRING

FRP132 Fire Pump Const-Operation  
FRP280 Fire Related Skills  
MTH102 Math of the Trades +  
WR121Z Composition I

SUMMER

CH104 Intro to Chemistry I  
COM218Z Interpersonal Communication or  
PSY101 Psychology of Human Relations  
FRP280 Fire Related Skills

YEAR 2  
FALL

FRP111 Bldg Constr-Fire Suppression  
FRP122 Fundamentals Fire Protection  
FRP159 Fire Behavior and Combustion  
FRP280 Fire Related Skills  
HPE295 Wellness-Hlth Assess

WINTER

ES103 Occupational Safety-Health  
FRP101 FF Safety and Survival  
FRP202 Fire Protection Systems  
FRP213 FF Tactics and Strategy  
FRP280 Fire Related Skills

SPRING

ES107 Legal Aspects-Emergency Svcs  
ES109 Principles of FESA  
ES113 Emergency Medical Svcs Rescue  
FRP212 Fire Investigation  
FRP280 Fire Related Skills



Fire Science A.A.S.