



## LIBERTY HIGH SCHOOL FIRE SCIENCE

### INSTRUCTOR:

**RHEA DUNCAN**

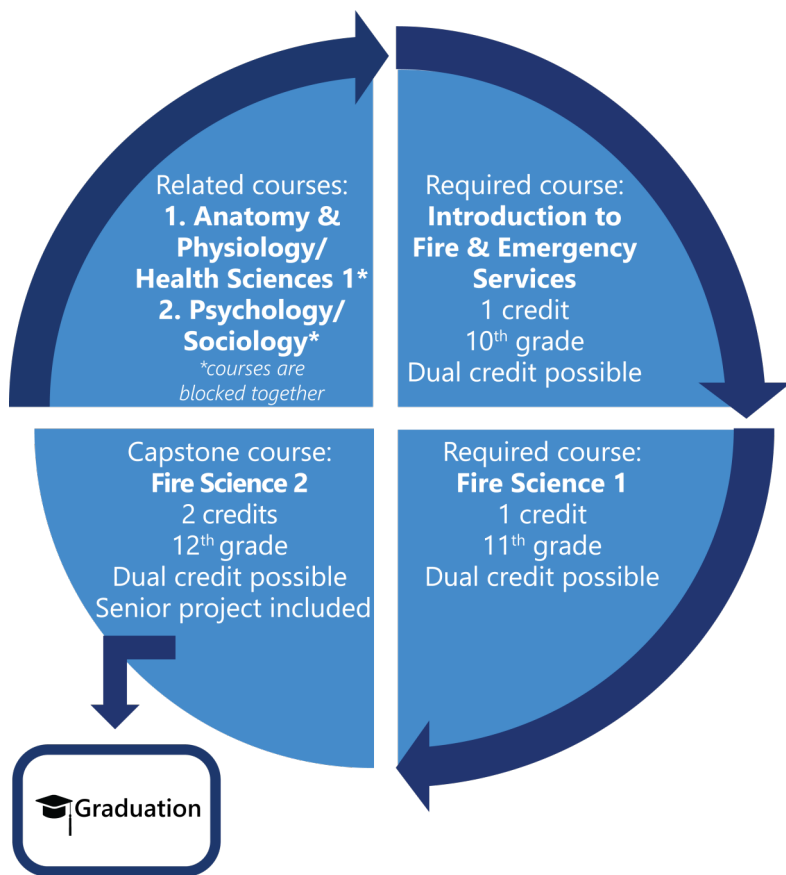
**duncanr@hsd.k12.or.us**

### For students interested in:

- Emergency medical training
- Anatomy & Physiology
- Search & Rescue
- Forestry
- Public service
- Outdoors
- Structure Firefighter
- Wildland Firefighter

### SEQUENCE OF COURSES

*Please refer to HSD course catalog for more information*



### PATHWAY TEACHES

#### STUDENTS TO:

- Understand three main areas of today's fire service: structural firefighting, wildland firefighting and Emergency Medical Services
- Learn key concepts of today's fire service and how they are impacted by society
- Know basic fire fighter safety, equipment and procedures that are used during fireground operations
- Learn the history of fire
- Understand the importance of being physically fit with the ability to carry, lift or drag 70lbs.
- Use a variety of hand tools and fire rescue tools
- Demonstrate skills utilizing ladders, fans, hose streams, SCBAs, technical rescue equipment and power tools.
- Function well within a team environment

### CAREER POSSIBILITIES & SALARY RANGES

• Structure Firefighter	\$48,714- \$110,074
• Wildland Firefighter	\$30,941- \$77,082
• Emergency Vehicle Dispatcher	\$36,816- \$71,053
• Paramedic	\$53,810- \$88,629
• Fire Inspectors and Investigators	\$84,094- \$126,818
• Forester	\$56,306 - \$106,309
• Emergency Medical Technician	\$43,181- \$54,350

*\*Salary ranges shown are from the 10th to 90th percentile*

### SOME LOCAL COLLEGES & MAJORS

- **PCC**- Associate of Applied Science: Emergency Medical Technician Paramedic or Fire Protection Technology, One-Year Certificate: Emergency Medical Services, Career Pathway certificate: Fire Protection Technology
- **PSU**- Forest Ecology and Management Certificate
- **OSU**- Bachelors of Science: Forestry
- **Clackamas Community College**- Certificate of Completion: Fire Science (Wildland)
- **Chemeketa Community College**- Fire Suppression & Emergency Medical Services

*To learn more about career and college opportunities, make an appointment with your counselor 503-844-1250*

### POTENTIAL LOCAL EMPLOYERS

- **Bureau of Land Management**
- **Oregon Department of Forestry**
- **Banks Fire District**
- **Tuality Healthcare**
- **Kaiser Permanente**
- **Private Industries**
- **Metro West Ambulance**
- **Tualatin Valley Fire & Rescue**
- **Western Washington County Fire**
- **U.S. Forest Service**
- **Hillsboro Fire & Rescue**