

WILDLAND FIRE MANAGEMENT, AAS

Program Code: AAS.WLDLNDMGMT

This program provides education and training that can lead to seasonal employment in wildland firefighting or to the first step to a career in fire management, the forest industry or park service. There are many career tracks in the field of wildland firefighting and forestry. It's exciting work that requires fundamental survival, safety and firefighting training and skills. It is also important to be physically fit, work well in a team environment, and respond quickly and efficiently to emergencies.

Clackamas Community College is a certified training site recognized by the Pacific Northwest Wildfire Coordinating Group (PNWCG), the Oregon Department of Forestry, and federal fire management agencies. Program instructors are National Wildfire Coordinating Group (NWCG) certified and offer 15#30 years of wildland firefighting experience. Many of the courses carry NWCG certification as well as college credit.

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Outcomes

Related Instruction Outcomes

Computation

- 1 course - MTH-050 Technical Mathematics I or MTH-065 Algebra II
- Use appropriate mathematics to solve problems.

Communication

- 1 course - WR-101 Communication Skills: Occupational Writing or WR-121 English Composition
- Read actively, think critically, and write purposefully and capably for professional audiences.

Human Relations

- 3#4 credits - See [Related Instruction](#) for course list
- Engage in ethical communication processes that accomplish goals.

Physical Education/Health/Safety/First Aid

- 1 course - FRP-246 Wilderness IV: Backcountry CPR/First Aid/AED
- Use effective life skills to improve and maintain mental and physical wellbeing.

Program Outcomes

Upon successful completion of this program, students should be able to:

- evaluate hazards in the wilderness, forest and fire environments;
- design a plan appropriate to the fire or incident situation;
- execute the plan based on the appropriate strategy, tactics and incident objectives;
- effectively communicate with pertinent individuals to accomplish the mission and/or incident objectives;
- successfully lead, supervise and direct incident personnel at the appropriate level of organization.

Requirements

Course	Title	Credits
First Year		
Fall Term		
FRP-101	Basic Forest Management	3
FRP-102	Basic Forest Management Lab	1
FRP-130	Introduction to Wildland Firefighting (S-130/S-190/ICS-100/IS-700/L-180)	2
FRP-243	Wilderness I: Psychology of Survival	3
GIS-101	Principles of Geospatial Technology	2
WR-101 or WR-121	Communication Skills: Occupational Writing or English Composition	3-4
Electives (p. 2)		1
Credits		15-16
Winter Term		
FRP-211	Portable Pumps and Water Use (S-211)	2
FRP-244	Wilderness II: Basic Land Navigation (S-244)	3
FRP-245	Wilderness III: Weather of the Northwest	2
FRP-246	Wilderness IV: Backcountry CPR/First Aid/AED	2
MTH-050 or MTH-065	Technical Mathematics I or Algebra II	4
Electives (p. 2)		2-3
Credits		15-16
Spring Term		
BI-103	General Biology; Plants & the Ecosystem	4
FRP-110	Basic Wildland Fire Investigation (FI-110)	1
FRP-131	Advanced Firefighter Training (S-131/S-133)	1
FRP-205	Forest Management Assessments and Inventories	3
FRP-249	Followership to Leadership (L-280)	2
FRP-250	Wilderness VI: Basic Tool Use and Care	1
FRP-270	Basic Air Operations (S-270)	1
Human Relations requirement		3-4
Credits		16-17
Second Year		
Fall Term		
FRP-200	Basic Incident Command System (I-100, I-200, IS-700, IS-800)	4
FRP-275	Wildland Fire Management 1	4
GIS-201	Introduction to Geographic Information Systems	3
Electives (p. 2)		4
Credits		15
Winter Term		
FRP-215	Fire Operations in the Urban Interface (S-215)	2
FRP-220	Initial Attack Incident Commander (S-200)	1
FRP-265	Wildland Fire Prevention Education 1 (P-101)	3

Course	Title	Credits
FRP-290	Intermediate Wildland Fire Behavior (S-290)	3
GIS Electives		3
Electives (p. 2)		3
Credits		15
Spring Term		
FRP-212	Wildfire Power Saws (S-212)	2
FRP-230	Crew Boss (Single Resource) (S-230)	2
FRP-231	Engine Boss (Single Resource) (S-231)	1
GIS Electives		2-3
Electives (p. 2)		7
Credits		14-15
Total Credits		90-94

Electives

Any **EMT**, **FRP**, **GEO**, **GIS**, or **UAS** course not included in the program.

Careers

Career opportunities include:

- Wildland fire fighter
- Hot Shots
- firefighting managers or supervisors
- prevention workers
- forest fire inspectors
- forest worker