

NOA Worksheet

(For Internal Use Only)

Program Name: _____		
First Offered Date: _____	Student Estimate: _____	College POC: _____
Business & Industry? <input type="checkbox"/>	Credits: _____	

Award(s) for this Program

Other locations (Institutions) this Program will be offered

CIP Family: _____	CIP: _____
Associated Program: _____	

College Program Description

Labor Market Need

Target Population

Program Contact Information	
Contact Name: _____	Contact Title: _____
Contact Dept.: _____	Contact Email: _____
Contact Phone: _____	Contact Fax: _____

Include Contact Info?:



APPLICATION for a NEW PROGRAM
CAREER TECHNICAL EDUCATION (CTE)

Department forms change periodically. It is the college's responsibility to use the most current forms available. Current forms, handouts and other useful resources are located at <http://www.ode.state.or.us/opportunities/grants/perkins/postsecondary/appsandwkshts.aspx>

Note: It is essential that the companion document, the Planning Guide & Application Worksheet, is used in representing your new program. The Application Worksheet must be kept on file at the college and made available upon request.

Section 1. College Contact Information

College	Clackamas Community College
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College Point Of Contact	Bill Waters
Title	Dean
Department, Division	Curriculum, Planning & Research
Mailing Address	19600 Molalla Avenue
City, State Zip Code	Oregon City, OR 97045
Phone	503-594-3390
Fax	503-650-6659
E-Mail	billw@clackamas.edu

Program Contact Person	Jeff Ennenga
Title	Lead Faculty
Department, Division	Wilsonville Campus, Apprenticeships, Fire Science and Emergency Management/TAPS
Mailing Address	19600 Molalla Avenue
19600 Molalla Avenue	Oregon City, OR 97045
Oregon City, OR 97045	503-594-3539
Fax	503-594-0949
E-Mail	jeff.ennenga@clackamas.edu

Section 2. Program Award Information

Name of Proposed Program	Wildland Fire Management
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✓	Type of Program (Check all that apply if the programs are related)	Total Credits
✓	Associate of Applied Science (AAS) Degree	91-95
	Associate of Applied Science Degree, Option (An option is a specialized area within a base AAS. Must maintain 70% of common credits with base AAS)	
	Certificate of Completion	

	Business and Industry-based Program (privately-contracted, closed enrollment)
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✓	Career Area (please check the appropriate area)
	Agriculture, Food & Natural Resources Systems
	Arts, Information & Communications
	Business & Management

<input type="checkbox"/>	Health Services
<input type="checkbox"/>	Human Resources
<input type="checkbox"/>	Industrial & Engineering Systems

EII Education Specialist	
Name	
Phone	
E-Mail	

Proposed Program Implementation Date	07/01/2018
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CIP Code	43.0203 I*	CIP Title	
CIP Narrative Description			

Program Summary

The Fire Science (Wildland) 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.

Financial Assistance Options Sought for and/or Approved for the Program	
(Check all that apply)	
<input checked="" type="checkbox"/>	Federal Financial Aid Options
<input checked="" type="checkbox"/>	Workforce Investment Act – Individual Training Account
<input checked="" type="checkbox"/>	Veterans Benefits
<input checked="" type="checkbox"/>	State of Oregon Financial Aid Describe: Oregon Opportunity Grant
<input checked="" type="checkbox"/>	College Financial Aid Describe: Scholarships, tuition waivers, internships
<input checked="" type="checkbox"/>	Private Business, Foundation Aid Describe: Scholarships
<input checked="" type="checkbox"/>	Other: Describe: Voc Rehab funds, Social Services funds, Tribal Educational funds

Section 3. Program Approval Standards

Standard A

Need: *The community college provides clear evidence of the need for the program.*

Program Highlights

Most wildland firefighting jobs are temporary and seasonal. A higher level of education is required for permanent positions with state and federal agencies. Often, the education needs to be in a related field. The Wildland fire, forestry and management courses will fulfill the requirements for these positions.

Standard B

Collaboration: *The community college utilizes systemic methods for meaningful and ongoing involvement of the appropriate constituencies.*

Program Highlights

The Wildland Fire Management Advisory Committee was supportive and recognized the need for this level of education in both current entry level positions and to create a stronger application pool into pathway programs. This will be a standing agenda item for the Advisory Committee going forward.

Standard C

Alignment: *The program is aligned with appropriate education, workforce development, and economic development activities.*

Program Highlights

The Wildland Fire Management program links education and training services and student supports that enable individuals to secure industry relevant certification and advance over time to higher levels of education and employment in a variety of occupations in Fire Science Management. This aligns to workforce and economic development activities in our region.

Standard D

Design: The program leads to student achievement of academic and technical knowledge, skills, and related proficiencies.

Program Highlights

Students will gain important introductory knowledge, skills and abilities applicable within the Wildland Fire Management and Forestry sectors, and will earn certificates for NWCG designated courses. Program level student learning outcomes are:

- 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.

Standard E

Capacity: The community college identifies and has the resources to develop, implement, and sustain the program.

Program Highlights

There are no new resources-faculty, facility, equipment, staff, student services-that would be required for this program.

Section 4. Proposed Curriculum

Course Number	Course Title	Clock Hours	Credits
YEAR 1			
FALL TERM			
FRP-101	Basic Forest Management	33	3
FRP-102	Basic Forest Management Lab	33	1
FRP-130	Introduction to Wildland Firefighting (S-130/S-190/L-180)	44	2
FRP-243	Wilderness I: Psychology of Survival	22	2
WR-101 Or WR-121	English Composition Or Communication Skills: Occupational Writing		3-4
--	Program Electives		4
WINTER TERM			
FRP-211	Portable Pumps and Water Use (S-211)	20	2
FRP-244	Wilderness II: Basic Land Navigation (S-244)	33	3
FRP-246	Wilderness IV: Backcountry CPR/First Aid/AED	22	2
MTH-050 Or MTH-065	Technical Mathematics I Or Algebra II		4
--	Related Instruction: PE/Health/Safety/First Aid		1-3
--	Program Electives		5
SPRING TERM			
FRP-110	Basic Wildland Fire Investigation (FI-110)	10	1
FRP-131	Advanced Firefighter Training (S-131/S-133)	12	1
FRP-245	Wilderness III: Weather of the Northwest	22	2
FRP-249	Followership to Leadership (L-280)	20	2
FRP-250	Wilderness VI: Basic Tool Use and Care	20	1
FRP-270	Basic Air Operations (S-270)	16	1
FRP-280	Wildland Fire CWE	108	3
--	Related Instruction: Human Relations		3-4
--	Program Electives		1
YEAR 2			
FALL TERM			
FRP-200	Basic Incident Command System (I-100),(I-200),(IS-700),(IS-800)	44	4
FRP-275	Wildland Fire Management 1	40	4
FRP-290	Intermediate Wildland Fire Behavior (S-290)	33	3
GIS-201	Geographic Information Systems	66	3
--	Program Electives		1
WINTER TERM			
FRP-215	Fire Operations in the Urban Interface (S-215)	24	2
FRP-220	Initial Attack Incident Commander (S-200)	16	1
FRP-265	Wildland Fire Prevention Education 1 (P-101)	33	3
--	GIS Electives		3
--	Program Electives		6
SPRING TERM			
FRP-212	Wildfire Power Saws (S-212)	40	2
FRP-230	Crew Boss (Single Resource) (S-230)	26	2
FRP-231	Engine Boss (Single Resource) (S-231)	12	1

FRP-280	Wildland Fire CWE	108	3
--	Program Electives		6
PROGRAM ELECTIVES			
Any EMT, FRP, GEO, GIS, or USP course not already listed in the Wildland Fire Management Program.			
TOTAL CURRENT CREDITS:			91-95

Section 5. Assurances and Signature

College Authority Signature (Applications must be signed by the chief academic officer or the president)	
<p>I have reviewed this application and supporting documents and attest to the accuracy, clarity, and completeness. The college will comply with the following assurances:</p> <ol style="list-style-type: none"> Access. The college and program will affirmatively provide access, accommodations, flexibility, and additional/supplemental services for special populations and protected classes of students. Continuous improvement. The college has assessment, evaluation, feedback, and continuous improvement processes or systems in place. For the proposed program, there will be opportunities for input from and concerning the instructor(s), students, employers, and other partners/stakeholders. Program need and labor market information will be periodically re-evaluated and changes will be requested as needed. Adverse impact & detrimental duplication. The college will follow all current laws, rules, and procedures and has made good faith efforts to avoid or resolve adverse <i>intersegmental</i> and <i>intra</i>segmental impact and detrimental duplication problems with other relevant programs or institutions. Program records maintenance & congruence. The college acknowledges that the records concerning the program title, curriculum, CIP code, credit hours, and other identifying and descriptive information maintained by the Department are the official records and it is the college's responsibility to keep the college records aligned with those of the Department. The college will not make changes to the program without informing and/or receiving approval from the Department. <p>Our staff has worked closely with CCWD-EII staff in the development of the proposed program and completion of this application. The proposed program:</p> <ol style="list-style-type: none"> Has been designed to meet the State Board of Education approval standards for Need, Collaboration, Alignment, Design and Capacity, as well as the elements identified that that are essential to a quality program; Our college board has approved the proposed program described in this application; All local campus procedures have been completed; and This program is ready to be reviewed by CCWD-EII staff on behalf of the State Board of Education. <p>It is understood that documentation or evidence may be requested by CCWD-EII staff if additional information is needed.</p>	
Signature	
Title	Dean Curriculum, Planning & Research
Name (Printed or typed)	Bill Waters
Date	

Associate of Applied Science (AAS) degrees are intended to prepare graduates for direct entry into the workforce.

This form provides additional information required by the NWCCU for accreditation
Signed copies must be submitted two weeks prior to [Curriculum Committee meetings](#)

Program Presenter	Jeff Ennenga
Program Department/Division	WAFE/TAPS
Program Type	Associate of Applied Science
Complete Program Title	Wildland Fire Management
Credit Total (90-108)	90-95

Catalog description of new program

Must match description from CCWD CTE Program of Study Application

The Fire Science (Wildland) 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.

Similar to an existing program?

No

Program-Level Student Learning Outcomes

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

Students will gain important introductory knowledge, skills and abilities applicable within the Wildland Fire Management and Forestry sectors, and will earn certificates for NWCG designated courses. Program level student learning outcomes are:

- 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.

For questions and assistance, contact Curriculum Office at curriculum@clackamas.edu

Program-Level Assessment Plan

See attached

Courses in the Program

[Use CCC Course Catalog format](#)

See attached

Related Instruction Courses in the Program

[Approved Course List](#)

See attached

Will there be revenues associated with the new program?

(i.e. bonds, grants, reallocation)

Yes No

New Courses needed?

Yes No

New Sections needed?

Yes No

Additional faculty needed?

Yes No

	Number	Term
Full-time		
Part-time	2	F,W,S

New physical facilities and equipment needed?

Yes No

Please explain how the current physical facilities and equipment will be allocated to meet the needs of the new program

Have existing but updated lab to use plus Wilsonville Campus classrooms and Training Center A classrooms

New Student Services needed?

[Link to student services listed in the current catalog](#)

Yes

No

Please explain how the current Student Services will accommodate the needs of the new program

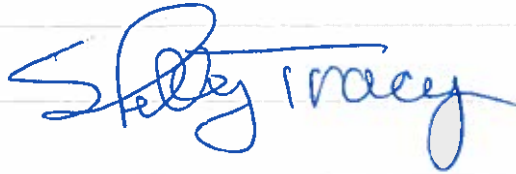
NA

Other expenses?

Yes

No

Division Dean Signature/Date



Department Chair Signature/Date

Faculty/Program Lead Signature/Date
(optional)

**Assessment Plan for Direct Measure
2017/18**

Program/Name of Team: **Fire Science (Wildland)**
Person(s) filling out this worksheet: **Jeff Ennenga**

PROGRAM LEARNING OUTCOME(S)

1. What PLOs will we address?

- Evaluate hazards in the wilderness, forest and fire environments.
- Design a plan appropriate to the fire or incident situation.

STUDENT WORK

2. What student work will we evaluate to see if students are able to achieve the PLO?

Student Learning Outcomes from FRP-101/102, FRP-130, FRP-131 and FRP-230 will be evaluated through written examinations, practical skills sheets and observations during field exercises.

3. From which course(s) will the student work be produced/gathered?

Note: if the work will come from a place other than a course, please explain.

Fall 2017 direct measures:

- FRP-130 Introduction to Wildland Firefighting (S-130/S-190/L-180)

Winter 2018 direct measures

- FRP-131 Firefighter Type 1 (S-131)

Spring 2017 direct measures:

- FRP-230 Crew Boss, Single Resource (S-230)

4. Which term? Which section/instructor(s)?

Winter and Spring terms. J. Ennenga will instruct and assess

5. Where do(es) the course(s) sit on our curriculum map?

- FRP-101/102 I/D/M
- FRP-130 I/D/M/A
- FRP-131 I/D/M
- FRP-201 M/A
- FRP-230 M/A

6. Is our team in general agreement that the assignment seems to fit the PLO? Please explain briefly.

Yes, in agreement.

RATING TOOL

7. **What rubric or other tool will we use to rate the student work?**

For Fall Term: Investigate how well the final exam scores meet the LO. Final exam is not rubric based.

For Winter/Spring we will have a rubric developed for each course that evaluates performance required for mastery.

8. **Please attach rubric/tool or indicate below if you will need to develop a tool. If you need to develop a rubric, please indicate if you would like support.**

We need help developing a rubric tool based on existing industry task books and other related materials.

LOGISTICS

9. **Who from our team will attend?**

Lead Instructor: Jeff Ennenga; PT-Instructors Gregg Cline, Brentwood Reid & Aaron Breniman

Elizabeth agreed to assist us with facilitation.

10. **Who will gather and distribute copies of student work, copy of assignment prompt, and the rating tool to all faculty or arrange for all faculty to rate the student product?**

Lead Instructor: Jeff Ennenga

11. **Please note below any challenges or difficulties that you could use help figuring out. Also note here if you are encountering challenges because of your program's particular circumstances or needs.**

The new Program Learning Outcomes need to be measured against the course(s) Student Learning Outcomes. Time do this will be a challenge.



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

<http://www.ode.state.or.us/search/results/?id=231>

College:	Clackamas Community College	Date	
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CAREER LEARNING AREA

<input type="checkbox"/> Ag, Food & Natural Resource Systems	<input type="checkbox"/> Health Services
<input type="checkbox"/> Arts, Information & Communications	<input type="checkbox"/> Human Resources
<input checked="" type="checkbox"/> Business & Management	<input type="checkbox"/> Industrial & Engineering Systems

PROGRAM INFORMATION

<u>APPROVED</u> Program Title	<u>APPROVED</u> CIP Code (Include 7 th & 8 th digits used for OCCURS reporting.)			<u>APPROVED</u> Recognition Award	<u>Current</u> Credits
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)	6-digit CIP	7 th digit	8 th digit		
AAS Title: Wildland Fire Management				<input checked="" type="checkbox"/> Associate of Applied Science (AAS) Degree	91-95
Option Title**				<input type="checkbox"/> OPTION to AAS Degree	
Certificate Title: <i>Within</i> AAS Degree? <input type="checkbox"/> Yes** <input type="checkbox"/> No				<input type="checkbox"/> Certificate of Completion	

**Enter name of base degree in 'AAS Title' box

TYPE OF PROGRAM AMENDMENT

(Check ALL That Apply)

<input type="checkbox"/> New Program++	<input type="checkbox"/> Curriculum Revision	<input type="checkbox"/> Revision in Program Credits
<input type="checkbox"/> Title Change for Program		<i>Proposed Total Credits:</i>
<i>Proposed AAS Title:</i>		
<i>Proposed OPTION Title:</i>		
<i>Proposed Certificate Title:</i>		
<input type="checkbox"/> SUSPENSION of Program	<i>Reason for Suspension:</i>	
Suspension Effective Date:		

++If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.
For a New Program, complete the Proposed Curriculum section only.]

CURRENT CURRICULUM 2018-19 [List entire curriculum as last approved]				PROPOSED CURRICULUM 2019-20 [List only course(s) to be amended]			
Course Number	Course Title	Clock Hours	Credits	Course Number	Course Title	Clock Hours	Credits
1 st Year							
Fall Term							
FRP-101	Basic Forest Management	33	3				
FRP-102	Basic Forest Management Lab	33	1				
FRP-130	Introduction to Wildland Firefighting (S-130/S-190/L-180)	44	2				
FRP-243	Wilderness I: Psychology of Survival	22	2				
WR-101 Or WR-121	English Composition Or Communication Skills: Occupational Writing		3-4				
--	Program Electives		4				
Winter Term							
FRP-211	Portable Pumps and Water Use (S-211)	20	2				
FRP-244	Wilderness II: Basic Land Navigation (S-244)	33	3				
FRP-246	Wilderness IV: Backcountry CPR/First Aid/AED	22	2				
MTH-050 Or MTH-065	Technical Mathematics I Or Algebra II		4				
--	Related Instruction: PE/Health/Safety/First Aid		1-3				
--	Program Electives		5				
Spring Term							
FRP-110	Basic Wildland Fire Investigation (FI-110)	10	1				
FRP-131	Advanced Firefighter Training (S-131/S-133)	12	1				
FRP-245	Wilderness III: Weather of the Northwest	22	2				
FRP-249	Followership to Leadership (L-280)	20	2				
FRP-250	Wilderness VI: Basic Tool Use and Care	20	1				
FRP-270	Basic Air Operations (S-270)	16	1				
FRP-280	Wildland Fire CWE	108	3				
--	Related Instruction: Human Relations		3-4				
--	Program Electives		1				

2 nd Year							
Fall Term							
FRP-200	Basic Incident Command System (I-100),(I-200),(IS-700),(IS-800)	44	4				
FRP-275	Wildland Fire Management 1	40	4				
FRP-290	Intermediate Wildland Fire Behavior (S-290)	33	3				
GIS-201	Geographic Information Systems	66	3				
--	Program Electives		1				
Winter Term							
FRP-215	Fire Operations in the Urban Interface (S-215)	24	2				
FRP-220	Initial Attack Incident Commander (S-200)	16	1				
FRP-265	Wildland Fire Prevention Education 1 (P-101)	33	3				
--	GIS Electives		3				
--	Program Electives		6				
Spring Term							
FRP-212	Wildfire Power Saws (S-212)	40	2				
FRP-230	Crew Boss (Single Resource) (S-230)	26	2				
FRP-231	Engine Boss (Single Resource) (S-231)	12	1				
FRP-280	Wildland Fire CWE	108	3				
--	Program Electives		6				
Program Electives							
Any EMT, FRP, GEO, GIS, or USP course not already listed in the Wildland Fire Management Program.							
TOTAL CURRENT CREDITS:			91-95	TOTAL PROPOSED CREDITS:			

College Contact		Telephone No.	
E-Mail Address		Fax No.	
Chief Academic Officer or PTE Dean Signature		Date	

Wildland Fire Management

Associate of Applied Science

PROGRAM CODE: AAS.XXXXXX

The Fire Science (Wildland) 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.

RELATED INSTRUCTION OUTCOMES

Computation (1 course – MTH-050 or MTH-065)

- Use appropriate mathematics to solve problems

Communication (1 course – WR-101 or WR-121)

- Read actively, think critically, and write purposefully and capably for professional audiences

Human Relations (3-4 credits- See page 82 for course list)

- Engage in ethical communication processes that accomplish goals

Physical Education/Health/Safety/First Aid (1-3 credits-courses with HE, HPE, or PE prefix)

- 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.

CAREERS

Wildland Fire Fighter, Hot Shots, Fire Fighting Managers or Supervisors, Prevention Workers, Forest Fire Inspectors, Forest Worker.

For information contact *Jeff Ennenga*, 503-594-3539 or jeff.ennenga@clackamas.edu

WILDLAND FIRE MANAGEMENT**ASSOCIATE OF APPLIED SCIENCE DEGREE: 1ST YEAR**

FALL TERM		CREDITS
FRP-101	Basic Forest Management	3
FRP-102	Basic Forest Management Lab	1
FRP-130	Introduction to Wildland Firefighting (S-130/S-190/L-180)	2
FRP-243	Wilderness I: Psychology of Survival	2
WR-101	English Composition	
Or WR-121	Or Communication Skills: Occupational Writing	3-4
--	Wildland Fire Management Program Electives	4
WINTER TERM		
FRP-211	Portable Pumps and Water Use (S-211)	2
FRP-244	Wilderness II: Basic Land Navigation (S-244)	3
FRP-246	Wilderness IV: Backcountry CPR/First Aid/AED	2
MTH-050	Technical Mathematics I	
Or MTH-065	Or Algebra II	4
--	PE/Health/Safety/First Aid requirement (see page 82)	1-3
--	Wildland Fire Management Program Electives	5
SPRING TERM		
FRP-110	Basic Wildland Fire Investigation (FI-110)	1
FRP-131	Advanced Firefighter Training (S-131/S-133)	1
FRP-245	Wilderness III: Weather of the Northwest	2
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
FRP-280	Wildland Fire CWE	3
--	Human Relations requirements (see page 82)	3-4
--	Wildland Fire Management Program Electives	1

WILDLAND FIRE MANAGEMENT**ASSOCIATE OF APPLIED SCIENCE DEGREE: 2ND YEAR**

FALL TERM		CREDITS
FRP-200	Basic Incident Command System (I-100),(I-200),(IS-700),(IS-800)	4
FRP-275	Wildland Fire Management 1	4
FRP-290	Intermediate Wildland Fire Behavior (S-290)	3
GIS-201	Geographic Information Systems	3
--	Wildland Fire Management Program Electives	1
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
--	GIS Electives	3
--	Wildland Fire Management Program Electives	6
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
FRP-280	Wildland Fire CWE	3

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Wildland Fire Management Program Electives

6

Credits required for degree

91-95

WILDLAND FIRE MANAGEMENT PROGRAM ELECTIVES

Any EMT, FRP, GEO, GIS, or USP course not already listed in the Wildland Fire Management program.