



<b>DEGREE SHEET / 2016-2017 CATALOG</b>		
Student name:		
Eagle ID:		
Eagle Email:		
Phone:		
<p><b>ASSOCIATES OF APPLIED SCIENCE (AAS) WILDLAND FIRE SCIENCE</b></p> <p>This program is designed to prepare you for a career in Wildland Fire Management. The program provides entry and advanced level fire suppression and management skills. Skill areas in program requirements develop student efficiency and performance in safety, ethical decision making, communication, aviation, business management, fire behavior predictions, fire line tactics, ignition and equipment applicable to wildland and prescribed fire, water hydraulics, chainsaw operation, and recognition of environmental factors affecting start and spread of wildland fires.</p> <p>Additional skills are designed to produce efficiency in performance of single operations resource positions while on and off duty times, before and during assignment. The degree is targeted towards operational incident command positions, but is also applicable to logistical and financial/administration incident command positions. All of the Wildland Fire courses meet National Wildfire Coordination Group standards.</p>		
<b>GENERAL EDUCATION REQUIREMENTS (32 Credits)</b>	<b>SEMESTER</b>	<b>GRADE</b>
<b>AREA I: COMMUNICATIONS (9 Credits)</b>		
ENG 111 English Composition I (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>		
SPCH 130 Public Speaking (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>		
ENG 116 Technical Writing (3) <i>Pre-requisite: ENG 111</i>		
<b>AREA II: MATHEMATICS (4 Credits)</b>		
MATH 130 Intermediate Algebra (4) <i>Pre-requisite: Math 130 or adequate score on the Course Placement Evaluation</i>		
<b>AREA III: LABORATORY SCIENCES (4 Credits)</b>		
ES 112/L Introduction to Environmental Science with Lab (4) <i>Pre-requisite: None</i>		

<b>AREA IV: SOCIAL/BEHAVIORAL SCIENCES (6 Credits)</b>		
PSY 105 General Psychology (3) <i>Pre-requisite: None</i>		
<b>AREA V: HUMANITIES AND FINE ARTS (6 Credits)</b>		
PHIL 220 Ethics (3) <i>Pre-requisite: None</i>		
<b>AREA VI: FIRST YEAR EXPERIENCE (3 Credits)</b>		
FYE 101 First Year Experience (3) <i>Pre-requisite: ENG 108</i>		
<b>PROGRAM REQUIREMENTS (38.25 Credits)</b>		
BCIS 102 Computer Literacy (3) <i>Pre-requisite: None</i>		
ES 103 Introduction to Natural Resource Management (3) <i>Pre-requisite: None</i>		
ES 120 Forest and Range Ecology (3) <i>Pre-requisite: None</i>		
ES 137 OSHA Hazmat First Responder (1.5) <i>Pre-requisite: None</i>		
ES 203 Introduction to GIS/GPS & Cartography (3) <i>Pre-requisite: Permission of Instructor</i>		
WFS 130 Basic Wildland Fire Fighter Training (3) <i>Pre-requisite: None</i>		
WFS 131 Advanced Fire Fighter Training (1) <i>Pre-requisite: None</i>		
WFS 134 Lookouts, Communication, Escape Routes, & Safety Zones (3) <i>Pre-requisite: WFS 130</i>		
WFS 200 Incident Commander Type 4 (1) <i>Pre-requisite: WFS 130</i>		
WFS 211 Portable Pumps and Water Use (2) <i>Pre-requisites: WFS 130 &amp; 131</i>		
WFS 212 Wildland Fire Chainsaws (3) <i>Pre-requisites: WFS 130 &amp; 131</i>		
WFS 230 Crew Boss (2) <i>Pre-requisites: WFS 131, 270, and 290</i>		
WFS 231 Engine Boss (1) <i>Pre-requisite: WFS 230</i>		
WFS 232 Dozer Boss (1.25) <i>Pre-requisite: WFS 130</i>		
WFS 234 Ignitions Operations (2) <i>Pre-requisite: WFS 290</i>		
WFS 260 Incident Business Management (1) <i>Pre-requisite: WFS 130</i>		
WFS 270 Basic Air Operation (1) <i>Pre-requisite: WFS 130</i>		
WFS 280 Followership to Leadership (1.5) <i>Pre-requisite: WFS 130</i>		

WFS 290 Fundamentals of Fire Behavior (2) <i>Pre-requisite: WFS 130</i>		
<b>TOTAL CREDITS 70.25</b>		
<b>ADVISOR APPROVAL</b>	<b>DATE</b>	

## SUGGESTED SEQUENCE OF COURSES

### **FIRST SEMESTER (17 Credits)**

ENG	111	English Composition I (3)
SPCH	130	Public Speaking (3)
ES	112/L	Introduction to Environmental Science with Lab (4)
FYE	101	First Year Experience (3)
WFS	130	Basic Wildland Fire Fighter Training (3)
WFS	131	Advanced Fire Fighter Training (1)

### **SECOND SEMESTER (18 Credits)**

ENG	116	Technical Writing (3)
AREA IV		Social and Behavioral Science (3)
MATH	130	Intermediate Algebra (4)
ES	103	Introduction to Natural Resource Management (3)
WFS	270	Basic Air Operations (1)
WFS	290	Fundamentals of Fire Behavior (2)
WFS	211	Portable Pumps and Water Use (2)

### **THIRD SEMESTER (18 Credits)**

BCIS	102	Computer Literacy (3)
ES	203	Introduction to GIS/GPS & Cartography (3)
AREA V		Humanities and Fine Arts (3)
WFS	134	Lookouts, Communication, Escape Routes, & Safety Zones (3)
WFS	230	Crew Boss (2)
WFS	200	Incident Commander Type 4 (1)
WFS	234	Ignitions Operations (2)
WFS	260	Incident Business Management (1)

### **FOURTH SEMESTER (17.25 Credits)**

ES	120	Forest and Range Ecology (3)
ES	137	OSHA Hazmat First Responder (1.5)
WFS	212	Wildland Fire Chainsaw (3)
WFS	231	Engine Boss (1)
WFS	232	Dozer Boss (1.25)
WFS	280	Followership to Leadership (1.5)
PSY	105	General Psychology (3)
PHIL	220	Ethics (3)

# EDUCATIONAL PLANNING FORM (Semester)

<b>FALL SEMESTER</b>	<b>SPRING SEMESTER</b>	<b>SUMMER</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
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