

NORTHERN



AMENDED 2015-16 Catalog (Revised 1/2/16)

Associate of Applied Science WILDLAND FIRE SCIENCE

This program provides training for entry and advanced level careers in Wildland Fire Management. This program provides the technical skills required in the areas of fire suppression, safety, decision-making, communications, business management, fire behavior, fire line tactics, water hydraulics, and chain saw operation.

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 logistic and financial/administration Incident Command positions. All of the Wildland Fire courses meet National Wildfire Coordination Group standards.

GENERAL EDUCATION (35 CR) SEE PAGES 26-29

Area I. Communications (9 cr)

ENG	111	English Composition I (3)
ENG	116	Technical Writing (3)
SPCH	130	Public Speaking (3)

Areas II and III. Mathematics/Laboratory Science (11 cr)

ES	112	Introduction to Environmental Science (3)
ES	112L	Introduction to Environmental Science Lab (1)
BCIS	102	Computer Literacy (3)
MATH	130	Intermediate Algebra (4)

Area IV. Social/Behavioral Sciences (6 cr)

PSY	105	General Psychology (3)
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Area V. Humanities and Fine Arts (6 cr)

PHIL	220	Ethics (3)
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Area VI. First Year Experience (3 cr)

FYE	101	First Year Experience (3)
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PROGRAM REQUIREMENTS (32.5 CR)

ES	137	OSHA Hazmat First Responder (1.5)
ES	203	Introduction to GIS/GPS & Cartography (2)
ES	103	Introduction to Natural Resource Management (3)
ES	120	Forest and Range Ecology (3)
WFS	130	Basic Wildland Fire Fighter Training (includes S-190 I-100 and L-180) (3)
WFS	260	Incident Business Management (1)
WFS	270	Basic Air Operations (1)
WFS	134	Lookouts, Communication, Escape Routes & Safety Zones (1)
WFS	131	Advanced Fire Fighter Training (includes S-131) (1)
WFS	280	Followership to Leadership (L-280) (1.5)
WFS	290	Fundamentals of Fire Behavior (2)
WFS	234	Ignition Operations (2)
WFS	230	Crew Boss (2.25)
WFS	211	Portable Pumps and Water Use (2)
WFS	212	Wildland Fire Chain Saws (3)

WFS	231	Engine Boss (1)
WFS	232	Dozer Boss (S-232) (1.25)
WFS	200	Incident Commander Type 4 (1)

TOTAL CREDITS: 67.5