WILDLAND FUEL AND FIRE TECHNOLOGY (A.S.)

Required course work includes:

Code	Title	Hours
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	Writing and Rhetoric I	3
ENGL 102	Writing and Rhetoric II	3
FOR 102	Introduction to Forest Management	2
FOR 103	Introduction to Computer Applications in Natural Resources	1
FIRE 111	Saws and Pumps	1
FIRE 145	Career in Fire and Fuels	2
FIRE 202	Leadership and Decision-Making in Fire Management	3
FIRE 213	Vegetation Management	3
FIRE 226	Wildland-Urban Interface Assessment and Communication	3
FIRE 253	Introduction to Fuels Inventory and Sampling	2
FIRE 254	Fire Environment	3
FIRE 256	Science Synthesis in Fire Ecology and Management	1
FIRE 261	Fire Technology	3
FIRE 284	Fire Policy and Administration	3
FIRE 290	Medical Response and Stress Management in Natural Resources	3
FIRE 321	Cultural Use of Fire	3
FIRE 323	Communication and Facilitative Instruction in Fire Management	2
MATH 123	Math in Modern Society	3
or MATH 143	College Algebra	
PHIL 201	Critical Thinking	3
FIRE 142	Introduction to Wildland Fire Management	2
REM 151	Rangeland Principles	3
FIRE 210	Introduction to Fire Effects and Management	2
FIRE 298	Wildland Fuels and Fire Internship	1
SOC 101	Introduction to Sociology	3
Select 20 credits of General Education electives		20
Total Hours		**81**

Total credits for required for this degree: 81

After completing the Applied Associate of Science in Wildland Fuel and Fire Technology, students will be able to:

1. Identify the primary factors associated with the start, spread, and management of wildfires and prescribed fires in forests and rangelands.
2. Demonstrate the proper application of fuel measurement techniques and be able complete fuel assessments in forest, rangelands, and the wildland-urban interface.
3. Demonstrate the proper use of fire equipment and fire suppression and prescribed fire techniques.
4. Effectively synthesize and communicate fire and fuels management information to the public.
5. Demonstrate an ability to measure fire effects.
6. Demonstrate ability to assume leadership roles in fire and fuels management.
7. Identify cultural uses, programmatic structures, policies, and administration in fuels and fire management.