

## PROGRAM OF STUDY

### Forestry Technician Firefighting Emphasis Certificate of Achievement

Purpose: To provide students with the knowledge, training, and practical experience to pursue a career in Wildland Fire Management which includes the fields of fuels management and fire suppression. Students are exposed to principles and philosophies of wildfire ecology, hazard fuels reduction and how they directly relate to fire suppression management. In addition students will learn tactics and skills needed for safe operations on wildfires as well as prescribed fires. These skills and knowledge can lead to entry level job placement and advancement into supervisory and management positions with private companies, state and federal wildfire agencies.

<b>Required Courses</b>		<b>Units</b>
NR5	Wildland Fire Technology	3
NR8	Natural Resources Career Preparation	1
NR44	Fire Ecology	3
NR42	Advanced Wildland Fire Technology	2
NR45	Fuels Management	3
NR133	Introduction to Chainsaw Operations	1

<b>Required Courses select two (2):</b>		<b>Units</b>
NR108	Introduction to Forestry Field Studies	0.5
NR109	Forestry Field Studies I	0.5
NR110	Forestry Field Studies II	0.5
NR115	Advanced Field Studies I	0.5
NR116	Advanced Field Studies II	0.5

<b>Select 6 units from the following:</b>		<b>Units</b>
NR1	Introduction to Forestry	3
NR4	Forest Ecosystems	3
NR6	Dendrology	3
NR11	Silviculture	3
NR12	Watershed Ecology	3
NR14	Principles of Wildlife Management	3
NR18	Aerial Photo Interp. & Geographic Information Systems	3
NR35	Interpretation of Natural Resources	3
NR43	Wildland Fire Technology 2	3
NR46	Wildland Fire Technology 3	1

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<b>Total Units</b>	<b>20</b>
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Effective Term: Fall 2015

PID 509