

Advanced Forest Concepts

Short Term Certificate of Completion

PROGRAM DESCRIPTION

This certificate is designed for students who hold degrees in other areas or are already in the work force and are looking to enhance their skills related to determining forest utilization, planning and management.

PROGRAM COSTS

(beyond standard tuition/fees and textbooks)

Material Costs

- Students are expected to provide their own appropriate field clothing and tools.

PROGRAM ENTRANCE REQUIREMENTS

None

PROGRAM PERFORMANCE STANDARDS

Academic Requirements

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- All courses in the program must be completed with a grade of C or higher.

PROGRAM COURSE REQUIREMENTS

Core Courses

FOR 215	Forest Resource Capstone	3
FOR 237	Resource Sampling	4
FOR 273	Silviculture and Harvesting Systems	5
		Total Credits 12

ADVISING NOTES

It will take three quarters to complete this short-term certificate.

Conservation of Natural Resources

Short Term Certificate of Completion

PROGRAM DESCRIPTION

This certificate is designed for students who hold degrees in other areas or are already in the work force and are looking to enhance their skills related to the basic concepts of conserving natural resources including forest, wildlife, soil and water resources.

PROGRAM COSTS

(beyond standard tuition/fees and textbooks)

Material Costs

- Students are expected to provide their own appropriate field clothing and tools.

PROGRAM ENTRANCE REQUIREMENTS

None

PROGRAM PERFORMANCE STANDARDS

Academic Requirements

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- All courses in the program must be completed with a grade of C or higher.

PROGRAM COURSE REQUIREMENTS

Core Courses

FOR 111	Forestry Perspectives	4
FOR 208	Soils: Sustainable Ecosystems	4
FOR 240B	Wildlife Ecology	3
FOR 260	Conservation of Natural Resources	3
		Total Credits 14

ADVISING NOTES

It will take three quarters to complete this short-term certificate.

Forest Ecology

Short Term Certificate of Completion

PROGRAM DESCRIPTION

This certificate is designed for those who hold degrees in other areas or are already in the work force and are looking to enhance their skills related to the practical aspects of forest ecology, dendrology and their applications.

PROGRAM COSTS

(beyond standard tuition/fees and textbooks)

Material Costs

- Students are expected to provide their own appropriate field clothing and tools.

PROGRAM ENTRANCE REQUIREMENTS

None

PROGRAM PERFORMANCE STANDARDS

Academic Requirements

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- All courses in the program must be completed with a grade of C or higher.

PROGRAM COURSE REQUIREMENTS

Core Courses

FOR 240A	Forest Ecology	3
FOR 241A	Field Dendrology	3
FOR 241B	Dendrology	3
FOR 271	Applied Forest Ecology	3
		Total Credits 12

ADVISING NOTES

It will take three quarters to complete this short-term certificate.

Forest Measurements

Short Term Certificate of Completion

PROGRAM DESCRIPTION

This certificate is designed for students who hold degrees in other areas or are already in the work force and are looking to enhance their skills related to basic measurements of trees, land and on-land navigation using maps, compasses and GPS.

PROGRAM COSTS

(beyond standard tuition/fees and textbooks)

Material Costs

- Students are expected to provide their own appropriate field clothing and tools.

PROGRAM ENTRANCE REQUIREMENTS

None

PROGRAM PERFORMANCE STANDARDS

Academic Requirements

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- All courses in the program must be completed with a grade of C or higher.

PROGRAM COURSE REQUIREMENTS

Core Courses

FOR 230A	Map, Compass and GPS	3
FOR 230B	Forest Surveying	3
FOR 235	Resource Measurements	4
FOR 236	Aerial Photo	3
Total Credits		13

ADVISING NOTES

It will take three quarters to complete this short-term certificate.

Forest Protection
Short Term Certificate of Completion

PROGRAM DESCRIPTION

This certificate is designed for students who hold degrees in other areas or are already in the work force and are looking to enhance their skills related to identification of forest disease and insects and the basic techniques used to protect forests from fire, disease and insects.

PROGRAM COSTS

(beyond standard tuition/fees and textbooks)

Material Costs

- Students are expected to provide their own appropriate field clothing and tools.

PROGRAM ENTRANCE REQUIREMENTS

None

PROGRAM PERFORMANCE STANDARDS

Academic Requirements

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- All courses in the program must be completed with a grade of C or higher.

PROGRAM COURSE REQUIREMENTS

Core Courses

FOR 110	Wildland Fire Science I	2
FOR 210	Wildland Fire Science II	2
FOR 271	Applied Forest Ecology	3
FOR 272	Forest Entomology/Pathology	3
FOR 273	Silviculture and Harvesting Systems	5
Total Credits		15

ADVISING NOTES

It will take three quarters to complete this short-term certificate.

Mapping/Cartography
Short Term Certificate of Completion

PROGRAM DESCRIPTION

This certificate is designed for students who hold degrees in other areas or are already in the work force and are looking to enhance their skills related to the basic use and production of maps focusing on field techniques and use of basic geographic information systems.

PROGRAM COSTS

(beyond standard tuition/fees and textbooks)

Material Costs

- Students are expected to provide their own appropriate field clothing and tools.

PROGRAM ENTRANCE REQUIREMENTS

None

PROGRAM PERFORMANCE STANDARDS

Academic Requirements

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- All courses in the program must be completed with a grade of C or higher.

PROGRAM COURSE REQUIREMENTS

Core Courses

FOR 230A	Map, Compass and GPS	3
FOR 230B	Forest Surveying	3
GEOG 211	Computer Cartography	4
GEOG 265	Geographic Information Systems	4
Total Credits		14

ADVISING NOTES

It will take two quarters to complete this short-term certificate.