

# FOREST TECHNOLOGY, CERTIFICATE OF COMPLETION

The Certificate of Completion Forest Technology can be completed within one year and is designed to prepare students for entry-level employment in the forestry field in supervised positions such as forester aides, surveyor assistant, measurement technician, and field mapping aide.

Click here (<https://www.socc.edu/pathways/roadmapsaz/157-forestry>) to learn how this Certificate of Completion can lead to an AS in Forestry.

Check out the Forestry/Natural Resources (<https://www.socc.edu/forestry>) program website!

The forestry field is projected to have many career opportunities coming up in the next decade as many forestry and natural resources professionals retire in the next few years. Students who enjoy working outdoors and want to have a career that focuses on managing our valuable forest lands to conserve and protect resources as well as produce valuable products for society should consider this degree.

## Gainful Employment Disclosure

Southwestern is required by federal regulations to disclose information related to Southwestern's educational programs that lead to gainful employment in a recognized occupation. This information is intended to provide students the opportunity to measure employment outcomes associated with Southwestern's certificate programs.

Gainful employment information for the Certificate of Completion Forest Technology (<https://www.socc.edu/images/ge/forest.html>) can be found online.

## Graduation Requirements

Students must complete a minimum of 46 credit hours with a cumulative Grade Point Average (GPA) of 2.0 or better. All courses must be completed with a grade of 'C' or better. One course must be completed at Southwestern before the Certificate of Completion Forest Technology is awarded.

Complete the graduation application process one term prior to the term of completion (e.g., spring term graduates must apply during winter term).

## Pre-Program Courses

Students are required to take the following courses *prior to* the program courses, depending on students' college placement information. See advisor for details:

Code	Title	Credits
MTH55	Introductory Technical Mathematics (MTH20 may be taken in place of this course)	4
WR90R	Academic Literacy (or placement in higher writing course)	4
CIS120	Concepts of Computing (or demonstrate proficiency)	4

## Program Guide

Course	Title	Credits
<b>Fall</b>		
ENV235	Introduction to Soil Science	4
F111	Introduction to Forestry	4
GEOG265	Intro to Geographical Info Systems	3
WR115	Introduction to Expository Writing (or higher) <sup>1</sup>	3
Credits		14
<b>Winter</b>		
CIS125S	Spreadsheet Applications	3
F222A	Elementary Forest Surveying	4
F280	CWE: Forestry	1
FE209	Forest Photogrammetry & Intro to Remote Sensing	4
MTH80	Technical Mathematics I <sup>2</sup>	4
Credits		16
<b>Spring</b>		
F223	Forest Measurements	4
F241	Dendrology	5
F251	Recreation Resource Management	4
BA285	Human Relations in Organizations <sup>3</sup>	3
Credits		16
Total Credits		46

<sup>1</sup> Excluding WR241 Imaginative Creative Writing Fiction, WR242 Imaginative Writing Poetry Poetry, WR243 Imaginative Writing Explorations, or WR250 Autobiography Writing.

<sup>2</sup> MTH60 Algebra I or higher may be substituted for MTH80 Technical Mathematics I.

<sup>3</sup> BA110 Group Dynamics for Teams, BA120 Leadership Development, PSY100 Introduction to Psychology, PSY201 General Psychology, PSY201H General Psychology w/Honors, PSY203 General Psychology, or PSY203H General Psychology w/Honors may be substituted for BA285 Human Relations in Organizations.

## Program Student Learning Outcomes

Upon successful completion of this program, the student will be able to:

- Discuss important forest management challenges and potential solutions.
- Discuss characteristics of regional forests, field techniques, and management practices.
- Demonstrate basic skills in forest surveying, remote sensing, geographic information systems, and spreadsheet applications.

## Program Notes

Students who are receiving Financial Aid Funds and wishing to receive the Forest Technology Certificate, in addition to the AS Forestry Emphasis, will need to petition for a dual major.