

WAYNE COMMUNITY COLLEGE

**Forest Management Technology (A15200)**

Official Program Description registered with NC Community College System:

The Forest Management Technology curriculum is designed to help students acquire technical knowledge, understanding, and abilities essential in developing, conserving, and utilizing forest resources.

Students develop an understanding and ability in the principles and practices of forest resource management. Students will spend much of their time in field training situations where emphasis is placed on the practical application of this knowledge and skill.

Graduates should be qualified for entry into positions as forest technicians with federal, state, and private forestry enterprises. Graduates will have competencies in forest protection, forest management, forest procurement and in performing various related technical activities.

**Program Learning Outcomes**

Upon completion of the Forest Management Technology program, a graduate should be able to:

- Create a forest management plan to develop, conserve and utilize sustainable forest resources.
- Calculate and analyze data and apply the results to common forest management problems.
- Summarize sustainable forest management issues on a regional, national and global level.
- Analyze historical trends in forestry and how they will influence future trends.

**Degree Awarded**

The Associate in Applied Science Degree - Forest Management Technology program is awarded by the College upon completion of this program.

**Note**

Students are required to purchase hard hats, field boots, compasses, and tapes which are used in the training process. Approximate cost is \$150.

**For More Information**

The Forest Management Technology program is in the Applied Technology Division. For more information, call (919) 739-6809 or (919) 739-6811 or visit us at our web site at [www.waynecc.edu/forestry/](http://www.waynecc.edu/forestry/).

**Admissions**

- A high school diploma or equivalent is required.
- A placement test in English, mathematics, reading and computer skills are required to determine entry-level courses that match individual needs.

**First Step To Enroll:**

Call the Admissions and Records Office at (919) 739-6720.

	Contact Hours	Semester Credit Hours
<b>FIRST SEMESTER</b>		
ACA 111 College Student Success.....	1	1
ENG 111 Expository Writing .....	3	3
FOR 121 Dendrology .....	8	4
FOR 161 Safety and Woodsmanship .....	4	2
FOR 171 Intro to Forest Resources .....	3	3
*Math Elective.....	3-4	3
		16
<b>SECOND SEMESTER</b>		
AGR 170 Soil Science .....	4	3
CIS 110 Introduction to Computers .....	4	3
ENG 114 Professional Research and Reporting .....	3	3

FOR 131 Forest Measurements.....	5	3
Humanities/Fine Arts Elective..	3	3
		15
<b>SUMMER TERM</b>		
FOR 225 Silvics and Silviculture .....	6	4
FOR 232 Forest Mensuration.....	8	4
FOR 243 Insects/Diseases.....	5	3
		11
<b>THIRD SEMESTER</b>		
AGR 110 Agricultural Economics .....	3	3
FOR 175 Wildlife/Environ Studies .....	5	3
FOR 215 Introduction to GIS & GPS.....	5	3
FOR 285 Logging and Marketing .....	5	3
Social/Behavioral Science Elect..	3	3
		15
	Contact Hours	Semester Credit Hours
<b>FOURTH SEMESTER</b>		
AGR 140 Agricultural Chemicals .....	4	3
FOR 212 Forest Survey - Aerial Manag. .	5	3
FOR 241 Forest Fire Management .....	5	3
FOR 273 Forest Management Issues .....	6	2
FWL 142 Wildlife Management .....	5	3
		14
	Total Credit Hours	71
<b>*Math Elective choices:</b>		
MAT 115 Mathematical Models .....	2	3
MAT 161 College Algebra .....	3	3
MAT 171 Precalulus Algebra.....	3	3