Forestry Technology FT13

Type
Associate of Applied Science, AAS

The Forest Technology program is a sequence of courses that prepares students for employment in the field of forestry. The program provides learning opportunities which introduce, develop, and reinforce academic and technical knowledge, skills, and attitudes required for job acquisition, retention, and advancement. The technical knowledge and skills in this program focus on forest biology, forest products, forest protection, forest management, forest measurements, and surveying and mapping. Additionally, the program provides opportunities to retrain or upgrade present knowledge and skills. Graduates of the program receive a Forest Technology Degree which qualifies them as forest technicians.

Area I - Language Arts/Communications

Item #	Title	Credits
ENGL 1101	Composition and Rhetoric	3

Area II - Social/Behavioral Sciences

Item #	Title	Credits
ECON 1101	Principles of Economics	3
ECON 2105	Macroeconomics	3
ECON 2106	Microeconomics	3
HIST 1111	World History I	3
HIST 1112	World History II	3
HIST 2111	U.S. History I	3
HIST 2112	U.S. History II	3
POLS 1101	American Government	3
SOCI 1101	Introduction to Sociology	3
PSYC 1101	Introductory Psychology	3

Area III - Natural Sciences/Mathematics

Item #	Title	Credits
MATH 1100	Quantitative Skills & Reasoning	3
MATH 1101	Mathematical Modeling	3
MATH 1103	Quantitative Skills & Reasoning	3
MATH 1111	College Algebra	3
MATH 1112	College Trigonometry	3
MATH 1113	Precalculus	3
MATH 1127	Introduction to Statistics	3
MATH 1131	Calculus I	4
MATH 1132	Calculus II	4
MATH 1133	Calculus III	4

* All corresponding labs are **corequisite** to meet degree requirements

BIOL 1111	Biology I	3
BIOL 1111L	Biology Lab I	1
BIOL 1112	Biology II	3
BIOL 1112L	Biology Lab II	1
BIOL 2107	Biological Principles I	3
BIOL 2107L	Biological Principles I Lab	1
CHEM 1151	Survey of Inorganic Chemistry Lab	3
CHEM 1151L	Survey of Inorganic Chemistry Lab	1
CHEM 1152	Survey of Organic Biochemistry	3
CHEM 1211	Chemistry I	3
CHEM 1212	Chemistry II	3
PHYS 1110	Conceptual Physics	3
PHYS 1111	Introductory Physics I	3
PHYS 1111L	Introductory Physics I Lab	1
PHYS 1112	Introductory Physics II	3
PHYS 1112L	Introductory Physics Lab	1

Area IV - Humanities/Fine Arts

Item #	Title	Credits
ARTS 1101	Art Appreciation	3
ENGL 2110	World Literature	3
ENGL 2130	American Literature	3
HUMN 1101	Introduction to Humanities	3
MUSC 1101	Music Appreciation	3
THEA 1101	Theater Appreciation	3
RELG 1101	World Religion	3
SPAN 1101	Introduction to Spanish	3

Specific General Education Core Elective

* Choose an additional course from the complete Area I, II, III, or IV listings:

General Education Courses

Occupational Courses

Item #	Title	Credits
COMP 1000	Introduction to Computer Literacy	3
FORS 1010	Introduction to Forestry & Natural Resources	3
FORS 1020	Soils and Hydrology	3
FORS 1030	Dendrology	3
FORS 1040	Forest Protection	3
FORS 1160	Forest Surveying and Mapping	4
FORS 1210	GPS/GIS Aerial Photography	4
FORS 1260	Forest Measurements	4
FORS 1310	Silvics and Silviculture	4
FORS 1410	Forest Mensuration	4
FORS 2460	Forest Management	6
	Guided Electives 3+	3

Forest Internship/Management Course

* Choose one of the following:

Item #	Title	Credits
FORS 1580	Wildlife Management	3
FORS 1600	Forest Technology Internship	3
	Minimum Credit Hours for Graduation	**62**