

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 — 3.00 Hours

| Item # | Name | Credits |
|---------------------------|--------------------------|---------|
| ENGL 1101 | Composition and Rhetoric | 3 |

Area II - Social/Behavioral Sciences — 3.00 Hours

| Item # | Name | Credits |
|--------|------|---------|
|--------|------|---------|

Social/Behavioral Sciences — Hours

| Item # | Name | 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 |
| SOC1 1101 | Introduction to Sociology | 3 |
| PSYC 1101 | Introductory Psychology | 3 |

Area III - Natural Sciences/Mathematics — 3.00 Hours

| Item # | Name | Credits |
|--------|------|---------|
|--------|------|---------|

Mathematics — Hours

| Item # | Name | 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 |

Natural Sciences — Hours

* All corresponding labs are corequisite to meet degree requirements

| Item # | Name | Credits |
|------------|-----------------------------------|---------|
| 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 | 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 — 3.00 Hours

| Item # | Name | Credits |
|--------|------|---------|
|--------|------|---------|

Humanities/Fine Arts (3 hrs) — Hours

| Item # | Name | 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 — 3.00 Hours

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

[General Education Courses](#)

Occupational Courses — 44.00 Hours

| Item # | Name | 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 — 3.00 Hours

* Choose one of the following:

| Item # | Name | Credits |
|-----------|-------------------------------------|---------|
| FORS 1580 | Wildlife Management | 3 |
| FORS 1600 | Forest Technology Internship | 3 |
| | Minimum Credit Hours for Graduation | 62 |