

Forest Harvesting Technician

Associate of Applied Science (A.A.S.)

Transfer Options

- Arkansas State University-Jonesboro
 - BAS Organizational Supervision
- University of Arkansas Fort Smith
 - Bachelor of Applied Science

The Associate of Applied Science in Forest Harvesting Technician provides students with the hands-on skills needed in order to fill the need for harvesting technicians in the forestry industry. The program is designed for individuals with the desire for working outdoors in the forest. During the program, students will spend time identifying the different types of trees and logs, reading maps, learning cruising timber methods and logging road layouts, and numerous other activities related to the logging industry. Graduates of this program will possess the skills needed in order to go directly to work as a harvesting technician. Students in this program will spend a tremendous amount of time on field trips to timber property where they will carry out actual activities that will be expected of them as a forest technician.

Program Goal

The goal of this program is to provide students the skills needed to work as a harvesting technician.

Program Outcomes

1. Locate land descriptions.
2. Use a map to find tracts of timber.
3. Identify logging systems and how to fit these systems to the type harvesting.
4. Determine tree volumes and elementary timber cruising techniques.
5. Learn the process for procuring wood and wood supply chain.
6. Identify tree species and uses for each in the timber industry.
7. Learn the requirements for ensuring safety as it relates to the logging industry.

General Information

- Developmental coursework may be required in addition to the courses required for this degree and/or certificate(s).
- A [P] indicates that a prerequisite is required before the course can be taken. Refer to the prerequisites table listed below the degree plan or the course description in the College Catalog to determine the prerequisite.

General Requirements

- This degree requires successful completion of 60 credit hours.
- All degree-seeking students are required to take Student Success.
- A minimum 2.00 cumulative grade point average is required for graduation.
- Satisfaction of all financial obligations due to the college is required for graduation.



DEGREE PLAN
2019-2020

Developmental Coursework

| Course Number | Course Title |
|---------------|-------------------------------|
| CO0143 | Introduction to Language Arts |
| CO0243 | Writing Workshop |
| MATH0133 | Transitional Math I |
| MATH0233 | Transitional Math II |

Semester I (15 hours)

| Course Number | ACTS# | Course Title |
|---------------|----------|---------------------------|
| FRST1004 | N/A | Dendrology I |
| FRST1014 | N/A | Forest Mensuration I |
| MATH1063 | MATH1103 | College Math [P1] |
| MIS1003 | CPSI1003 | Introduction to Computers |
| GSTD1021 | N/A | Student Success I |

Semester II (15 hours)

| Course Number | ACTS# | Course Title |
|--|----------|--|
| ENGL1113 | ENGL1013 | Composition I [P1] |
| FRST1024 | N/A | Forest Mensuration II [P3] |
| FRST1114 | NA | Dendrology II [P6] |
| GSTD1031 | N/A | Students Success II |
| <i>Social Science Elective (choose one):</i> | | |
| CJ1003 | CRJU1023 | Introduction to Criminal Justice or ECON(Economics), GEOG, HIST, PSCI, PSYC, or SOC prefix |

Semester III (16 hours)

| Course Number | ACTS# | Course Title |
|---------------|----------|--|
| BA2223 | N/A | Business Communications [P5] |
| CO2213 | ENGL2023 | Technical Writing [P2] |
| FRST2013 | N/A | Forest Harvesting/Logging Safety |
| FRST2003 | N/A | Forestry Procurement and Supply Chain Management |
| HS2413 | N/A | First Aid & CPR |
| GSTD1041 | N/A | Student Success III |

Semester IV (14 hours)

| Course Number | ACTS# | Course Title |
|----------------|----------|------------------------------------|
| BSCI1013/11011 | BIOL1004 | The Biological Sciences w/Lab [P5] |
| CE2403 | N/A | Internship |
| FRST2023 | N/A | Advanced Forest Mensuration [P4] |
| FRST2004 | N/A | Elementary Forest Management |

PREREQUISITES

| | |
|----|---------------------------------------|
| P1 | Refer to the SAU Tech Placement Plan. |
| P2 | ENGL1113-Composition I |
| P3 | FRST1014-Forest Mensuration I. |
| P4 | FRST1024-Forest Mensuration II. |
| P5 | Eligible for ENGL1113-Composition I |
| P6 | FRST1004-Dendrology I |

ACTS Course Numbers

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and equitable treatment in the application of credits for admissions and degree requirements. Go to <http://acts.adhe.edu> for more information.