

# Surveying

**Courses include but are not limited to:**

- Introduction to Geographic Information Systems
- Plane Surveying
- Introduction to CAD & Surveying Software
- Construction & Route Surveying
- Boundary Surveying
- Legal Principles and Boundaries
- Boundary Evidence & Procedures
- Topographic & Civil Mapping
- Global Positioning Systems
- Survey Plats and Deeds

- Certificate of Proficiency
- Technical Certificate
- A.A.S.

**Description:**

Surveyors establish official boundaries, write descriptions of land for deeds and leases, and measure construction and mineral sites. Students in the Surveying program will learn to operate a variety of surveying equipment including automatic levels, total stations, and GPS. Instruction covers procedures and computations involved in boundary, route and construction surveys, as well as preparing legal documents, plats, maps and reports.

Students graduating with the A.A.S. degree are allowed to take the Fundamentals of Surveying (FS) exam during their last semester at UACCM. Passing the FS exam and completing the degree earns licensure as a Surveyor Intern. After two years of Board-approved experience, graduates are allowed to take the Principles and Practice of Surveying Exam. Passing the PPS exam is the final step in the process of becoming a Professional Surveyor.

**After UACCM**

**Graduates are employed in:**

Surveyors with the Arkansas Highway and Transportation Department, U.S. Corps of Engineers, or private companies. After gaining surveying experience and passing the PPS exam, some graduates start their own business.

**Examples of potential employers:**

Federal agencies such as the U.S. Army Corps of Engineers, Bureau of Land Management (BLM), National Geodetic Survey (NGS), U.S. Geological Survey (USGS), National Forestry Service, state agencies such as Arkansas Highway & Transportation Department and State Parks and Tourism, real estate divisions of utility companies, oil and gas companies and numerous surveying and engineering firms specializing in all aspects of boundary surveys, construction surveys, Geographic Information Systems and Land Information Systems.

**Arkansas - Local Area:**

**Average Entry-level**

Annual Wage: . . . . . 26,000+

Mean Annual Wage . . . . . \$36,590