

## LAND SURVEYING TECHNOLOGY (A.A.S.)

Land surveying technology students obtain a sound technical background in fundamental land surveying principles, techniques and skills. They become well-rounded technical specialists capable of teamwork, communication and problem solving, and they develop life-long learning skills and abilities.

The program provides students with a combination of surveying and land resource knowledge and related skills which are not available elsewhere. Students will be thoroughly exposed to the field of land surveying through a carefully planned combination of classroom lectures, demonstrations and hands-on experience. The educational program in land surveying technology, leading to the associate of applied science degree in land surveying technology, is accredited by the ETAC Accreditation Commission of ABET, <https://www.abet.org/>.

The first year required courses are completed at a college of the student's choice.

### First Year Required Courses

Course	Codes*	Credits
General Biology with lab		4
Physics		4
English with a Focus on Writing (Two 3-credit courses)		6
Trigonometry or pre-calculus (1 course)		3
Diversity, Equity, Inclusion & Social Justice		3
Total Maximum Transfer Credits		20

### *Second Year Required Courses*

FTC 200	Dendrology	3
FTC 202	Intro To Surveying	3
FTC 204	Intro/Nat Res Measurements	4
FTC 205	Comp-Aided Draftng&Dsgn I	2
FTC 206	Forest Ecology	4
FTC 207	Communications and Safety	3

FTC 208	Remote Sensing and GIS	3
FTC 214	Leadership & Orgnztnl Perfrmnc	2
FTC 225	Timber Transportn&Utilization	2
FTC 239	GIS Practicum	1
FTC 251	Adv Survey Measure&Comp	4
FTC 253	Survey Law	3
FTC 255	Boundary Surveying	3
FTC 256	Subdivision Surveys	2
FTC 257	Construction&Topo Surveys	3
FTC 259	Cmptr-Aided Draftng & Dsgn II	2

**Total Minimum Credits For Degree: 64**

\* **Special Course Codes** (Code indicates course meets certain program or accreditation requirements. Ignore if there is no relevance to this program of study.) **G** = General Education Course (GenEd), **E** = Engineering, **ES** = Engineering Sciences, **M** = Mathematic, **NS** = Natural Sciences, **PE** = Professional Education, **S** = Summer-only

