



AAS in Surveying and Geomatics Technology to

Bachelor of Applied Arts and Sciences in
Manufacturing and Industrial Management
Industrial Management Concentration ^T



Guided Pathway 2019-2020 Catalog

First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
SRVY 1301 – Introduction to Surveying	^C EDUC 1300 – Learning Framework * (090)
SRVY 1309 – Surveying Measurement	SRVY 1341 – Land Surveying
DFTG 1309 – Basic Computer-Aided Drafting	SRVY 1335 – Land Surveying Applications
^C ENGL 1301 – Composition I (010)	SRVY 2309 – Computer Aided Mapping
^C SPCH 1321 – Business & Prof. Communication * (010)	^C MATH 1314 – College Algebra (020)

Total semester hours: 15

Total semester hours: 15

Second Year – Tyler Junior College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
SRVY 1319 – Introduction to Geographic Information	SRVY 2339 – Engineering Design Surveying
SRVY 2331 – Geodetic Surveying and Mapping	SRVY 1391 – Special Topics In Surveying
SRVY 2335 – Geodetic Surveying and Mapping App.	SRVY 2343 – Surveying – Legal Principles I
SRVY 2344 – Surveying – Legal Principles II	SRVY 2386 – Internship – Surveying Technology
^C MATH 1316 – Plane Trigonometry (020)	^C XXXX X3XX – Lang., Phil. and Culture Core * (040)

Total semester hours: 15

Total semester hours: 15

AAS: Surveying and Geomatics Technology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be taken at Tyler Junior College (if offered) or TSU-Stephenville Campus	
^{C*} Creative Arts Core Elective	^C ENGL 1302 – Composition II
^{C*} Life and Physical Science Core Elective (4 credits)	^{C*} Life and Physical Science Core Elective (4 credits)
^C HIST 1301 – United States History I	^C HIST1302 – United States History II
^C GOVT 2306 – Texas Government	^C GOVT 2305 – Federal Government
	^{C*} Social and Behavioral Science Core Elective

Total Semester Hours: 13

Total Semester Hours: 16

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced ENGT Elective	ENGT 4336 Production Planning
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
ENGT 3375 Continuous Improvement	ENGT 4346 Manufacturing Management
ENGT 3386 Quality Management	Advanced ENGT Elective

Total Semester Hours: 12

Total Semester Hours: 12

Fourth Year – Tarleton State University

FIRST SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)
Advanced Elective
Advanced Elective
Advanced Elective
Advanced Elective

Total Semester Hours: 15

Total Degree Hours: 128

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

^C This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

^T Degree availability varies by campus; consult www.tarleton.edu for more information.

For questions about the university portion of this pathway,
contact the Engineering Technology Department at (254)968-9010 or Engineering.Technology@tarleton.edu.