



**AAS in Surveying and Mapping Technology to  
BAAS in Manufacturing and Industrial Management  
Safety Management Concentration**



**Guided Pathway  
Effective for the 2018-2019 Catalog**

**First Year – Tyler Junior College**

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (15 SCH)
<sup>C</sup> EDUC 1300 – Learning Framework (090)	SRVY 1341 – Land Surveying
SRVY 1301 – Introduction to Surveying	SRVY 1335 – Land Surveying Applications
SRVY 1309 – Surveying Measurement	SRVY 2309 – Computer Aided Mapping
SRVY 1315 – Surveying Calculations	<sup>C</sup> ENGL 1301 – Composition I (010)
COSC 1301 – Introduction to Computing (090)	<sup>C</sup> MATH 1314 – College Algebra (020)

**Second Year – Tyler Junior College**

It's best to apply to Tarleton State University a full semester before you plan to transfer and submit a copy of this pathway with your application.

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (15 SCH)
SRVY 2305 – Geographic Information Systems Applications	SRVY 2339 – Engineering Design Surveying
SRVY 2331 – Geodetic Surveying and Mapping	SRVY 2341 – Engineering Design Surveying Lab
SRVY 2335 – Geodetic Surveying and Mapping Application	SRVY 2343 – Surveying – Legal Principles I
SRVY 2344 – Surveying – Legal Principles II	SRVY 2386 – Internship – Survey Technology/Surveying
<sup>C</sup> SPCH 1321 – Business & Professional Communication (010)	<sup>C</sup> ENGL 2332 – World Literature I * (040)

**AAS: Surveying and Mapping Technology**

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

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3375 Continuous Improvement	ENGT 4320 Occupational Safety and Health
<sup>C</sup> MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3320 Industrial Safety	ENGT 3360 Safety Management
<sup>C</sup> *Life and Physical Science (030)	<sup>C</sup> *Life and Physical Science (030)
<sup>C</sup> ENGL 1302 – Composition II (010)	<sup>C</sup> *Creative Arts
SUMMER SEMESTER	
<sup>C</sup> *Social and Behavioral Science (080)	<sup>C</sup> GOVT 2306 Texas Government

**Fourth Year - Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 3326 Ergonomics and Work Methods (Spring)	
ENGT 3318 Research and Reporting For Technologists	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	Advanced Elective Course
<sup>C</sup> HIST1301 United States History I	<sup>C</sup> HIST 1302 United States History II
SUMMER	
Advanced ENGT Course	<sup>C</sup> GOVT 2305 Federal Government

**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.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.

For questions about the University portion of this guided pathway,  
Contact the Engineering Technology Department at (254)968-9010 or [Engineering.Technology@tarleton.edu](mailto:Engineering.Technology@tarleton.edu).