



**AAS in Surveying and Mapping Technology to
BAAS in Manufacturing and Industrial Management
Guided Pathway
Effective for the 2017-2018 Catalog**



First Year – Tyler Junior College

| FIRST SEMESTER (15 SCH) | SECOND SEMESTER (15 SCH) |
|---|--|
| ^c 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 | ^c ENGL 1301 – Composition I (010) |
| COSC 1301 – Introduction to Computing | ^c 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 |
| ^c SPCH 1321 – Business & Professional Communication (010) | ^c 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 3303 Industrial Materials | ENGT 4336 Production Planning |
| ^c MATH 1316 Plane Trigonometry OR Math 1342 Statistics | ENGT 3395 Project Management |
| ENGT 3386 Quality Management | Advanced ENGT Course |
| ^c ENGL 1302 – Composition II | ^c *Science Core |
| ^c *Science Core | ^c *Visual & Performing Arts |
| | SUMMER |
| | ^c GOVT 2306 Texas Government |

Fourth Year - Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|---|---|
| ENGT 4346 Manufacturing Management | ENGT 4336 Production Planning |
| Advanced ENGT Course | Advanced ENGT Course |
| Advanced ENGT Course | Advanced ENGT Course |
| Advanced ENGT Course | Advanced ENGT Course |
| ^c *Science Core | ^c HIST 1302 United States History II |
| ^c HIST1301 United States History I | SUMMER |
| | ^c 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.

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

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