



AAS Occupational Safety and Environmental Technology to  
BAAS in Manufacturing and Industrial Management  
Industrial Management Concentration <sup>T</sup>



**Guided Pathway**  
2019-2020 Catalog

**First Year – Tarrant County College District**

FIRST SEMESTER	SECOND SEMESTER
ENGL 1301 (010) - Composition I <sup>C</sup>	CHEM 1405 (030) - Introductory Chemistry I <sup>C*</sup>
GOVT 2305 (070) - Federal Government <sup>C*</sup>	ENGL 2311 (090) - Technical & Business Writing <sup>C</sup>
MATH 1314 (020) - College Algebra <sup>C*</sup>	KINE 1164 (090) - Intro to Physical Fitness & Wellness <sup>C</sup>
EPCT 1407 - Intro to Environmental Safety/Health	EPCT 1401 - HAZWOPER Training & Related Topics
EPCT 1341 - Principles of Industrial Hygiene	SPCH 1311 (010) - Introduction to Speech Comm <sup>C*</sup>

Total Semester Hours: 16

Total Semester Hours: 15

**Second Year - Tarrant County College District**

It is best to apply to Tarleton State a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
ARTS 1301 (050) - Art Appreciation <sup>C*</sup>	EPCT 1344 - Environmental Sampling and Analysis
EPCT 1311 - Introduction to Environmental Science	OSHT 2401 - OSHA Regulations General Industry
EPCT 1440 - Industrial Chemical Process	OSHT 2388 - Internship Occupational Safety <sup>*</sup>
OSHT 1313 - Accident Prevention, Inspection & Investigation	OSHT 1305 - OSHA Regulations -Construction Industry <sup>*</sup>
EPCT 1313 - Contingency Planning	

Total Semester Hours: 16

Total Semester Hours: 13

**AAS: Occupational Safety and Environmental 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 completed at TCC (if offered) or TSU-Stephenville Campus**

<sup>C*</sup> Social and Behavioral Science Core Elective	<sup>C</sup> HIST 1301 – United States History I
<sup>C*</sup> Life and Physical Science Core Elective (4 credits)	<sup>C</sup> HIST1302 – United States History II
	MATH 1316 – Plane Trigonometry or MATH 1342 – Elementary Statistical Methods
<sup>C*</sup> Language, Philosophy and Culture Core Elective	<sup>C</sup> GOVT 2306 – Texas Government

Total Semester Hours: 10

Total Semester Hours: 12

**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: 122

**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.

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

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.

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).