



AAS Occupational Safety and Environmental Technology to  
BAAS in Manufacturing and Industrial Management  
Safety 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 4320 Occupational Safety and Health
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
ENGT 3326 Ergonomics and Work Methods (Spring Only)	ENGT 3360 Safety Management
ENGT 3320 Industrial Safety	Advanced ENGT Elective

Total Semester Hours: 12

Total Semester Hours: 12

**Fourth Year - Tarleton State University**

FIRST SEMESTER
ENGT 3375 Continuous Improvement
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.

<sup>\*</sup> 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.

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