



**AAS in Fire Science Technology to  
BAAS in Manufacturing and Industrial Management  
Industrial Management Concentration  
Guided Pathway  
Effective for the 2018-2019 Catalog**



**First Year – Trinity Valley Community College**

FIRST SEMESTER	SECOND SEMESTER
ENG 1301 English Composition I	Language, Philosophy & Culture (040)
ECON 2301 Macroeconomics (080)	FIRT 1309 Fire Administration I
MATH 1332 Contemporary Math I	FIRT 1315 Hazardous Materials I
FIRT 1311 Fire Service Hydraulics	FIRT 1327 Building Construction
FIRT 1338 Fire Protection Systems	SPCH 1321 Business & Professional Communication (010)

**Second Year – Trinity Valley Community College**

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

FIRST SEMESTER	SECOND SEMESTER
GOVT 2305 U.S. Government & Constitution	BCIS 1305 Business Computer Applications (090)
FIRT 1345 Hazardous Materials II	FIRT 2381 Co-op/Seminar
FIRT 2380 Co-op/Seminar	FIRT 1303 Fire and Arson Investigation
FIRT 1349 Fire Administration II	FIRT 2309 Fire Fighting Strategies & Tactics I
Electives	

**AAS: Fire Science 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 3318 Research and Reporting For Technologists	ENGT 4336 Production Planning
MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
ENG 1302 – Composition II	*Life and Physical Science Core (030)
*Life and Physical Science Core (030)	GOVT 2306 Texas Government
SUMMER	
HIST 1301 United States History I	

**Fourth Year - Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 3375 Continuous Improvement
ENGT 4347 Metrics and Measurements (Fall Only)	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	Advanced Elective Course
SUMMER	
*Creative Arts Core (050)	HIST 1302 United States History II

**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.

† 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).