



**Associate of Applied Science to  
BAAS in Manufacturing and Industrial Management  
Guided Pathway**  
Effective for the 2017-2018 Catalog



**First Year - NCTC**

FIRST SEMESTER	SECOND SEMESTER
DFTG 1305 – Technical Drafting	DFTG 1391 – Special Topics in Drafting
DFTG 1309 – Basic Computer Drafting	DFTG 2300 – Interm. Architectural Drafting
DFTG 1317 – Architectural Drafting	DFTG 2302 – Machine Drafting
DFTG 1333 – Mechanical Drafting	DFTG 2319 – Interm. Computer Drafting
DFTG 2317 – Descriptive Geometry	DFTG 2340 – Solid Modeling/Design

**Second Year – NCTC**

It is best to apply to [Tarleton State University](http://tarletonstate.edu) a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
DFTG 2306 – Machine Design	DFTG 2338 – Final Project-Advanced Drafting
DFTG 2328 – Architectural Drafting Commercial	<sup>C</sup> MATH 1314 – College Algebra*
DFTG 1358 – Electrical/Electronics Drafting	<sup>C</sup> ECON 2301 – Prin. of Macroeconomics*
DFTG 2330 – Civil Drafting	<sup>C</sup> SPCH 1321 – Business & Prof Speech*
<sup>C</sup> ARTS 1301 – Art Appreciation	<sup>C</sup> GOVT 2305 – Federal Government*

**AAS: Engineering 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
<sup>C</sup> MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
<sup>C</sup> ENGL 1301 – Composition I	<sup>C</sup> *Science Core
<sup>C</sup> *Science Core	<sup>C</sup> ENGL 1302 – Composition II
SUMMER	
<sup>C</sup> GOVT 2306 Texas Government	

**Fourth Year - Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 3375 Continuous Improvement
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
<sup>C</sup> *Humanities Core	<sup>C</sup> HIST 1302 United States History I
SUMMER	
<sup>C</sup> HIST 1302 United States History II	

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

- \* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirement for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

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).