



**AAS in Mechanical Engineering Technology to
BAAS in Manufacturing and Industrial Management
Guided Pathway
2018-2019 Catalog**



First Year – Trinity Valley Community College

FIRST SEMESTER	SECOND SEMESTER
ENGL 1301 English Composition I	MCHN 2341 Advanced Machining Ops I
EDUC 1300/PSYC 1300 Learning Frameworks	MCHN 2344 Computerized Numerical Control Program
MCHN 1338 Basic Machine Shop I	HIST 1301 U.S. History I
MCHN 1320 Precision Tools & Measurements	MATH 1314 College Algebra
DFTG 1357 Special Computerized Aided Drafting	Language, Philosophy & Culture/Creative Arts

Second Year – Trinity Valley Community College

It's best to apply to Tarleton State University 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
MCHN 2325 Advanced CNC	BCIS 1305 Business Computer Applications
PHYS 1401 College Physics I	HIST 1302 U.S. History II
DFTG 1333 Mechanical Drafting	INMT 1343 CAD/CAM
Social & Behavioral Science	POFT 1120 Job Search Skills
GOVT 2305 U.S. Government & Constitution	MCHN 1380 Co-op OR Approved Elective

AAS: Mechanical 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
MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
ENGL 1302 – Composition II	*Science Core
*Science Core	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
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
*Arts Core	HIST 1302 United States History II
SUMMER	
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.

Ⓢ 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.