



**AAS in Mechanical Engineering to
Bachelor of Applied Arts & Sciences
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 2314 College Algebra (020)
DFTG 1357 Special Computerized Aided Drafting (CAD)	Language, Philosophy & Culture/Creative Arts

Second Year – Trinity Valley Community College

It's best to apply to TAMUC 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 2335 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 (080)	POFT 1129 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 - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
Ⓒ ENG 1302 - GLB/US-Written Argument/Research	Ⓒ ANY CREATIVE ARTS CORE OR Ⓒ ANY LITERATURE PHILOSOPHY & CULTURE CORE
Ⓒ ANY LIFE & PHYSICAL SCIENCE CORE	Ⓒ ANY LIFE & PHYSICAL SCIENCE CORE
Ⓒ PSCI 2302 - US/TX Government; Institutions & Policies ²	Ⓒ ANY DEGREE PATHWAY OPTION
BAAS 301 Principles of Applied Sciences	BAAS 326 Tech Techniques & Solutions

Fourth Year - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
TMGT 458 Project Management	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	Upper Level Elective
BAAS 351 Financial Tools for Managers (Pre-Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	TMGT 303 Technical Communications

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.

() Course numbers shown in parentheses are equivalent to these courses at TAMUC.

*For questions about the University portion of this guided pathway, contact
the Applied Science Academic Advising Office at (903) 886-5155 or Misty.Lair@tamuc.edu.*