



**Associate of Applied Science to
Bachelor of Applied Arts & Sciences
Guided Pathway
Effective for the 2016-2017 Catalog**



First Year – NCTC

FIRST SEMESTER	SECOND SEMESTER
DFTG 1309 – Basic Computer-Aided Drafting	ELPT 1319 – Fundamentals of Electricity I
INMT 1305 – Intro to Industrial Maintenance	ELPT 1341 – Motor Control
HYDR 1345 – Hydraulics and Pneumatics	ELPT 2305 – Motors and Transformers
INMT 2303 – Pumps, Compress. & Mech Drives	ELPT 2319 – Programmable Logic Controllers I
	TECM 1301 – Industrial Mathematics
	INMT 2345 – Industrial Troubleshooting ¹

Second Year – NCTC

It is best to apply to Texas A&M University-Commerce 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
ELPT 1325 – National Electrical Code I	INMT 2380 – Co. Ed. – Manufacturing Tech.
SPCH 1318 – Interpersonal Communication*	MATH 1314 – College Algebra
OSHT 1320 – Energy Industrial Safety	ARTS 1301 – Art Appreciation
BMGT 2309 – Leadership	BMGT 1327 – Principles of Management
ENGL 1301 – Composition I	HIST 1301 – United States History I

AAS: Industrial Mechanics

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	HIST 1302 - U.S. History from 1865
PSCI 2301 - Principles of US and Texas Government ²	ANY LIFE & PHYSICAL SCIENCE CORE
ANY SOCIAL & BEHAVIORAL SCIENCE CORE	PSCI 2302 - US/TX Government; Institutions & Policies ²
ANY LIFE & PHYSICAL SCIENCE CORE	ANY DEGREE PATHWAY OPTION
ANY LITERATURE, PHILOSOPHY, & CULTURE CORE	BAAS 326 Tech Techniques & Solutions
BAAS 301 Principles of Applied Sciences	

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 Mgrs (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 and does not count toward degree hours.

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

²Taking both GOVT courses at NCTC creates a better alignment.

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.