



**Associate of Applied Science  
In Machining Technology to  
Bachelor of Applied Arts & Sciences  
Guided Pathway  
Effective for the 2017-2018 Catalog**



**First Year – NCTC**

<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>
<b>DFTG 1309</b> – Basic Computer-Aided Drafting	<b>MCHN 1320</b> – Precision Tools & Measurement
<b>MCHN 1438</b> – Basic Machine Shop I	<b>MCHN 2434</b> – Operation of CNC Machining Ctrs
<b>MCHN 2303</b> – Fund. of CNC Machine Controls	<b>MCHN 2435</b> – Advanced CNC Machining
<b>TECM 1301</b> – Industrial Mathematics	<b>METL 1301</b> – Introduction to Metallurgy
<b>MCHN 1320</b> – Precision Tools & Measurement	<b>MCHN 1343</b> – Machine Shop Mathematics <sup>1</sup>
	<b>MCHN 1302</b> - Print Reading Machining Trades <sup>1</sup>

**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.

<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>
<b>OSHT 1320</b> – Energy Industrial Safety	<sup>C</sup> <b>MATH 1314</b> – College Algebra
<b>BMGT 2309</b> – Leadership	<sup>C</sup> <b>SPCH 1318</b> – Interpersonal Communication
<sup>C</sup> <b>ENGL 1301</b> – Composition I	<b>BMGT 1327</b> – Principles of Management
<sup>C</sup> <b>HIST 1301</b> – United States History I	<sup>C</sup> <b>ARTS 1301</b> – Art Appreciation
	<b>MCHN 2380</b> – Co. Ed.-Machine Tool Technology

**AAS: Machining 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**

<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>
<sup>C</sup> <b>ENG 1302</b> - GLB/US-Written Argument/Research	<sup>C</sup> <b>HIST 1302</b> - U.S. History from 1865
<sup>C</sup> <b>PSCI 2301</b> - Principles of US and Texas Government <sup>2</sup>	<sup>C</sup> <b>ANY LIFE &amp; PHYSICAL SCIENCE CORE</b>
<sup>C</sup> <b>ANY SOCIAL &amp; BEHAVIORAL SCIENCE CORE</b>	<sup>C</sup> <b>PSCI 2302</b> - US/TX Government; Institutions & Policies <sup>2</sup>
<sup>C</sup> <b>ANY LIFE &amp; PHYSICAL SCIENCE CORE</b>	<sup>C</sup> <b>ANY DEGREE PATHWAY OPTION (090)</b>
<sup>C</sup> <b>ANY LITERATURE, PHILOSOPHY, &amp; CULTURE CORE</b>	<b>BAAS 326</b> Tech Techniques & Solutions
<b>BAAS 301</b> Principles of Applied Sciences	

**Fourth Year - Texas A&M University-Commerce**

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

<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 requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

<sup>1</sup>Effective for these courses in the 2015-2016 catalog.

<sup>2</sup>Taking both GOVT courses at a 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.*