

First Year – NCTC

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

Second Year – NCTC

It is 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
OSHT 1320 – Energy Industrial Safety	^C MATH 1314 – College Algebra
BMGT 2309 – Leadership	^C SPCH 1318 – Interpersonal Communication
^C ENGL 1301 – Composition I	BMGT 1327 – Principles of Management
^C HIST 1301 – United States History I	^C ARTS 1301 – Art Appreciation
	MCHN 2380 – Co. Ed.-Machine Tool Tech

AAS: Machining Technology

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3303 Industrial Materials	ENGT 4336 Production Planning
^C MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
^C ENGL 1302 – Composition II	^C *Science Core
^C *Science Core	^C * Social & Behavioral Science
SUMMER	
^C 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
^C *Humanities Core	^C HIST 1302 United States History II
SUMMER	
^C GOVT 2305 Federal Government	

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.
- ^C 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).

*For questions about the university portion of this guided pathway,
Contact the Academic Advising Office at [Tarleton State University](#).*