



**Associate of Applied Science Machining Technology to
BAAS in Manufacturing and Industrial Management
General Concentration
Guided Pathway
Effective for the 2018-2019 Catalog**



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.

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 3318 Research and Reporting for Technologists	Advanced Elective Course
^C MATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
Advanced Elective Course	Advanced Elective Course
^C ENGL 1302 – Composition II	^C *Life and Physical Science
^C *Life and Physical Science	^C * Social & Behavioral Science
SUMMER	
Advanced Elective Course	^C GOVT 2306 Texas Government

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
^C *Institutional Option	ENGT 3375 Continuous Improvement
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
^C * Language, Philosophy and Culture	^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).

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.