

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
SUMMER	
INMT 2345 – Industrial Troubleshooting	

Second Year – NCTC

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

AAS: Industrial Mechanics

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 4376 Automated Manufacturing Systems
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).