

Effective for the 2020-2021 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 |
| SUMMER | |
| INMT 2345 – Industrial Troubleshooting | |

Total Semester Hours: 15

Total Semester Hours: 15

Second Year – NCTC

It is best to apply to [university] a full semester before you plan to transfer.

| FIRST SEMESTER | SECOND SEMESTER |
|---|--|
| ELPT 1325 – National Electrical Code I | C MATH 1314 – College Algebra* |
| C SPCH 1318 – Interpersonal Communication* | C ARTS 1301 – Art Appreciation |
| OSHT 1320 – Energy Industrial Safety | BMGT 1327 – Principles of Management |
| BMGT 2309 – Leadership | GOVT 2306 – Texas Government (Texas Constitution & Topics) |
| C ENGL 1301 – Composition I | C INMT 2380 – Cooperative Education – Manufacturing Technology/Technician |

Total Semester Hours: 15

Total Semester Hours: 13

AAS: Industrial Mechanics

These courses may be taken at NCTC (if offered) or TSU

| | |
|---|---|
| C ENGL 1302 – Composition II | C Any Core Elective (minimum 1 credit) |
| C* Life and Physical Science Core Elective (030) (4 credits) | C* Life and Physical Science Core Elective (030) (4 credits) |
| MATH 1316 Plane Trigonometry OR Math 1342 Statistics | C Social & Behavioral Science |
| C GOVT 2306 Texas Government | C GOVT 2305 Federal Government |
| C* Language, Philosophy and Culture | C HIST 1302 United States History II |

Total Semester Hours: 16

Total Semester Hours: 14

Third Year – Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|---|-------------------------------------|
| ENGT 3318 Research & Reporting for Technologists | ENGT 3395 Project Management |
| Advanced ENGT Elective | Advanced ENGT Elective |
| Advanced ENGT Elective | Advanced ENGT Elective |
| Advanced ENGT Elective | Advanced ENGT Elective |

Total Semester Hours: 12

Total Semester Hours: 12

Fourth Year – Tarleton State University

| FIRST SEMESTER |
|---|
| ENGT 3375 Continuous Improvement |
| Advanced Elective |
| Advanced Elective |
| Advanced Elective |
| Advanced Elective |

Total Semester Hours: 15

Total Degree Hours: 129

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).

† Degree availability varies by campus; consult www.tarleton.edu for more information.