



STEM



**Associate of Applied Science in
Electrical Engineering Technology – EET Specialization to
BAAS in Manufacturing and Industrial Management
General without Certification Concentration ^T
Guided Pathway
Effective for the 2019-2020 Catalog¹**



First Year Courses – Mountain View College²

| FIRST SEMESTER | SECOND SEMESTER |
|---|---|
| CETT 1403 – DC Circuits | CETT 1405 – AC Circuits |
| HYDR 1445 – Hydraulics and Pneumatics | INTC 1457 – AC/DC Motor Control |
| SPCH 1311 – Introduction to Speech Communication (090) | CETT 1425 – Digital Fundamentals |
| MATH 1314 – College Algebra (020) | MATH 1316 – Plane Trigonometry |

Total Semester Hours: 14

Total Semester Hours: 15

Second Year Courses – Mountain View College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

| FIRST SEMESTER | SECOND SEMESTER |
|--|---|
| ENGL 1301 – Composition I (010) | CETT 1457 – Linear Integrated Circuits |
| CETT 1429 – Solid State Devices | CHEM 1411 – General Chemistry I (030) |
| INMT 1417 – Industrial Automation | MCHN 1200 – Beginning Machine Shop OR ENTC 1280 – Cooperative Education-Engineering Technology, General |
| PHYS 1401 – College Physics I (030) | Social/Behavioral Science Elective* (080) |
| | Humanities/Fine Arts Elective* (040 OR 050) |

Total Semester Hours: 15

Total Semester Hours: 16

AAS: Electrical Engineering Technology – EET Specialization (60 hours)

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be completed at Mountain View College (if offered) or TSU-Stephenville Campus

| | |
|---|---|
| HIST 1302 – United States History II (060) | GOVT 2306 – Texas Government (070) |
| C Language, Philosophy and Culture Core Elective (040) OR Creative Arts Core Elective (050) | ENGL 1302 – Composition II (010) |
| C Any Core Elective (090) (3 credits) | GOVT 2305 – Federal Government (070) |
| HIST 1301 – United States History I (060) | |

Total Hours: 21

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: 120

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.

1 You may use this pathway if you entered one of the seven colleges on or before this date.

2 Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven colleges of the DCCCD awarding the degree.

c This course counts for the Core Curriculum at any public college or university in Texas.

***** There are several options to fulfill this requirement. See your academic advisor for a specific list.

You must earn a grade of "C" or better in ENGL 1301 and the selected college-level mathematics and science courses.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

Approved: 2019-2020 Guided Pathway

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