

AAS in Electronics Technology-Electronics and Telecommunications to
 Bachelor of Applied Arts and Sciences in
 Manufacturing and Industrial Management
 Safety Management Concentration^T



Guided Pathway
 2019-2020 Catalog

First Year - Tarrant County College District

FIRST SEMESTER	SECOND SEMESTER
MATH 1314 (020) – College Algebra ^{C*}	CETT 1441 – Solid State Circuits
CETT 1409 – DC-AC Circuits	SPCH 1311 (010) – Intro to Speech Communication ^{C*}
CETT 1449 – Digital Systems	ENGL 1301 (010) – Composition I ^C
RBTC 1401 – Programmable Logic Controllers	CETT 1445 – Microprocessor
	GOVT 2305 (070) – Federal Government ^{C*}

Total Semester Hours: 15

Total Semester Hours: 14

Second Year – Tarrant County College District

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

FIRST SEMESTER	SECOND SEMESTER
ARTS 1301 (050) – Art Appreciation ^{C*}	CSIR 1459 – Digital Data Communication
CETT 2435 – Advanced Microprocessors	EECT 2435 – Telecommunications
RBTC 1447 – Electro-Mechanical Devices	ELMT 2337 – Electronic Troubleshooting, Service, Repair
EECT 2439 – Communication Circuits	ENGR 1201 – Introduction to Engineering

Total Semester Hours: 14

Total Semester Hours: 17

AAS: Electronics Technology – Electronics and Telecommunications

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 TCC (if offered) or TSU- Stephenville Campus

^{C*} Life and Physical Science Core Elective (4 credits) (030)	^{C*} Life and Physical Science Core Elective (4 credits) (030)
^C HIST 1301 – United States History I	^C HIST1302 – United States History II
^{C*} Any Core Course (090) (1 credit minimum)	^{C*} Language, Philosophy and Culture Core Elective (040)
MATH 1316 – Plane Trigonometry or MATH 1342 – Elementary Statistical Methods	^C ENGL 1302 – Composition II
^C GOVT 2306 – Texas Government	^{C*} Social and Behavioral Science Core Elective (080)

Total Semester Hours: 14

Total Semester Hours: 16

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced ENGT Elective	ENGT 4320 Occupational Safety and Health
ENGT 3318 Research & Reporting for Technologists	ENGT 3395 Project Management
ENGT 3326 Ergonomics and Work Methods (Spring Only)	ENGT 3360 Safety Management
ENGT 3320 Industrial Safety	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: 128

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.

* 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.

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

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