



Electrical Technology AAS to
BAAS-Manufacturing and Industrial Management
General Concentration ^T
Guided Pathway
2019-2020



First Year – Grayson College

FIRST SEMESTER	SECOND SEMESTER
DFTG 1325 Blueprint Reading	ELPT 2305 Motors and Transformers
ELPT 2337 Electrical Planning and Estimating	ELPT 1325 National Electrical Code
ELPT 1311 Basic Electrical Theory	ELPT 1329 Residential Wiring
ELPT 1221 Intro to Electrical Safety and Tools	ELPT 2164 Practicum in Elec Transmission
ELPT 1291 Special Topics in Electric	ELTN 1343 Electrical Troubleshooting

Total Semester Hours: 13

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Second Year – Grayson College

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

FIRST SEMESTER	SECOND SEMESTER
ELPT 1345 Commercial Wiring	ITSC 1309 Integrated Software Applications
ELPT 2319 Programmable Logic Controllers	^C MATH 1332 Contemporary Mathematics
^C ENGL1301 Composition I (option: First year – first semester)	ELPT 2165 Practicum in Elec. Transmission
ELTN 1391 Special Topics	^C SPCH 1311 Intro to Speech Communication
ELPT 2343 Electrical Systems Design	^C HIST 1301 US History I * (option: first year semester 2)
ELPT 1341 Motor Control	^C HUMA 1301 Intro to the Humanities *

Total Semester Hours: 18

Total Semester Hours: 16

AAS: Electrical Technology

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 Grayson College (if offered) or TSU-Stephenville Campus	
^C HIST1302 United States History II	^{*C} Any Core Applicable Course (1-3 credits)
^{C*} Life and Physical Science Elective Course (4 credits)	^C *Social and Behavioral Science Elective Course
^{C*} Life and Physical Science Elective Course (4 credits)	^C ENGL 1302 Composition II
^C GOVT 2305 Federal Government	^C GOVT 2306 Texas Government
^{C*} Creative Arts Elective Course	MATH 1316 Plane Trigonometry or MATH 1342 Elementary Statistics

Total Hours: 30-32

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

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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: 129-131

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.

*For questions about the University portion of this degree plan,
Contact the Department of Engineering Technology at 254-968-9010 or engineering.technology@tarleton.edu.*