



AAS – Professional Electronics Avionics Technology Specialty to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
General Concentration
Guided Pathway
 Effective for the 2018-2019 Catalog



First Year – Del Mar College

FIRST SEMESTER	SECOND SEMESTER
CETT 1304 High – Reliability Soldering	AVNC 1303 Intro, Aviation Elec Systems
CETT 1303 DC Circuits	AVNC 1306 FAA Regulations & Avionics Certified Repair
CETT 1415 Digital Applications	CETT 1305 AC Circuits
^C GEOL 1301 Earth Sciences*	^C ENGL 1301 Composition I

Total Semester Hours: 13

Total Semester Hours: 12

Second Year – Del Mar College

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

FIRST SEMESTER	SECOND SEMESTER
AVNC 1343 Aviation Electronic / Electronic System	CETT 1341 Solid State Circuits
CETT 1329 Solid State Devices	^C SOCI 1301 Introduction to Sociology*
^C SPCH 1311 Introduction to Speech Communications	AVNC 2345 Aviation Navigational Equipment
^C DRAM 1310 Introduction to Theatre*	AVNC 2357 Aviation Communications Component Level

Total Semester Hours: 12

Total Semester Hours: 12

THIRD SEMESTER
AVNC 1353 Operational Testing & Aviation Electronics
AVNC 2355 Adv. Aviation Electronics
AVNC 2350 Aviation Pulsed RF Equipment
AVNC 1225 Emerging Technologies In Aviation Electronics

Total Semester Hours: 11

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

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	Advanced ENGT Course
Advanced ENGT Course	ENGT 3395 Project Management
Advanced ENGT Course	MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics
^C *Life and Physical Science Core Elective	Advanced ENGT Course
^C *Math Core Elective	^C *Life and Physical Science Core Elective
SUMMER	
^C ENGL 1302 Composition II	^C *GOVT 2306 Texas Government
^C *Language, Philosophy & Culture Core Elective	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3375 Continuous Improvement	Advanced Elective Course
Advanced ENGT Course	Advanced Elective Course
Advanced Elective Course	^C HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
^C *HIST 1301 United States History I	^C GOVT 2305 Federal Government

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.

*For questions about the university portion of this pathway,
 Contact the Department of Engineering Technology at 254-968-9014 or engineering.technology@tarleton.edu.*