



AAS – Professional Electronics Avionics Technology Specialty to  
**Bachelor of Applied Arts and Sciences**  
**Manufacturing and Industrial Management**  
**Safety 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
<sup>C</sup> GEOL 1301 Earth Sciences*	<sup>C</sup> 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	<sup>C</sup> SOCI 1301 Introduction to Sociology*
<sup>C</sup> SPCH 1311 Introduction to Speech Communications	AVNC 2345 Aviation Navigational Equipment
<sup>C</sup> 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	ENGT 4320 Occupational Safety and Health
ENGT 3320 Industrial Safety	ENGT 3395 Project Management
<sup>C</sup> *Mathematics Core Elective	ENGT 3326 Ergonomics and Work Methods (Spring Only)
<sup>C</sup> *GOVT 2306 Texas Government	ENGT 3360 Safety Management
<sup>C</sup> *Life and Physical Science Core Elective	MATH 1316 Plane Trigonometry <b>OR</b> MATH 1342 Elementary Statistics
SUMMER	
<sup>C</sup> ENGL 1302 Composition II	<sup>C</sup> *Life and Physical Science Core Elective
<sup>C</sup> *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	<sup>C</sup> HIST 1302 United States History II
Advanced Elective Course	Advanced ENGT Course
<sup>C</sup> HIST 1301 United States History I	<sup>C</sup> 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.

<sup>C</sup> 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.