



AAS – Professional Electronics Avionics Technology Specialty to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
Industrial Management 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's 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	ENGT 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics
^C *Life and Physical Science Core Elective	ENGT 4346 Manufacturing Management
^C *Mathematics Core Elective	^C *Life and Physical Science Core Elective
SUMMER	
^C ENGL 1302 Composition II	^C * Language, Philosophy & Culture Core Elective
^C *GOVT 2306 Texas Government	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)	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.