

**Associate of Applied Science in
Advanced Manufacturing/Mechatronics Technology to
BAAS
Guided Pathway DCCCD/Dallas ISD
Early College High Schools
Effective for the 2017-2018 Catalog**

First Year – Eastfield College

FIRST SEMESTER	SECOND SEMESTER
ELMT 1405 – Basic Fluid Power	ⒸFine Arts Elective* Δ (050)
CETT 1403 – DC Circuits	CETT 1429 – Solid State Devices
ⒸSPCH 1311 – Intro to Speech Communications* Δ (090)	MATH 1316 – Plane Trigonometry Δ
CETT 1405 – AC Circuits	ⒸPSYC 2301 – General Psychology* Δ (080)
ⒸMATH 1314 – College Algebra* Δ (020)	MFGT 1404 – Automated Manufacturing

Second Year – Eastfield College

It's best to apply to Tarleton State University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
ⒸENGL 1301 – Composition I (010)	ENGL 1302 – Composition II Δ (010)
CETT 1425 – Digital Fundamentals	CETT 1449 – Digital Systems
MFGT 1406 – Mechanical Principles in Automated Manufacturing	MFGT 2459 – Industrial Automation II
ELPT 2419 – Programmable Logic Controllers I	CETT 1441 – Solid State Circuits
EECT 1191 – Special Topics in Electrical, Electronic and Comms Engineering Technology/Technician* Δ	

AAS: Advanced Manufacturing/Mechatronics Technology (66 hours)

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 3303 Industrial Materials	ENGT 4336 Production Planning
ⒸMATH 1316 Plane Trigonometry OR Math 1342 Statistics	ENGT 3395 Project Management
ENGT 3386 Quality Management	Advanced ENGT Course
ⒸENGL 1302 – Composition II	Ⓒ *Science Core
Ⓒ *Science Core	Ⓒ *Visual & Performing Arts
THIRD SEMESTER	
ⒸGOVT 2306 Texas Government	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 4346 Manufacturing Management	ENGT 3375 Continuous Improvement
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Advanced ENGT Course	Advanced ENGT Course
Ⓒ *Science Core	ⒸHIST 1302 United States History II
ⒸHIST1301 United States History I	THIRD SEMESTER
	Ⓒ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.

Ⓒ 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.

Δ This course is a required option or elective for students enrolled in a DCCCD/Dallas ISD Early College High School at specific colleges. Other elective options are available in the DCCCD degree requirements.

For questions about the University portion of this guided pathway,
Contact the Engineering Technology Department at (254)968-9010 or Engineering.Technology@tarleton.edu.