

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

First Year – Eastfield College

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

Second Year – Eastfield College

It's best to apply to Midwestern State 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
C 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 – Midwestern State University- Online BAAS

FIRST SEMESTER	SECOND SEMESTER
Any Computer Science Proficiency Course	Any Lang, Phil, Culture Core
Any Life/Physical Science Core	Any Life/Physical Science Core
HIST 1133 – American History I	HIST 1233 – American History II
POLS 1333 (GOVT 2306 - Texas Govt)	POLS 1433 (GOVT 2305 – Federal Govt)
Undergraduate Inquiry and Creativity Core	Cultural & Global Understanding Core

Fourth Year – Midwestern State University- Online BAAS

FIRST SEMESTER	SECOND SEMESTER
Select Concentration Courses w/Advisor	Select Concentration Courses w/Advisor
Select Concentration Courses w/Advisor	Select Concentration Courses w/Advisor
Select Concentration Courses w/Advisor	Select Concentration Courses w/Advisor
Select Concentration Courses w/Advisor	Select Concentration Courses w/Advisor
Select Concentration Courses w/Advisor	Select Concentration Courses w/Advisor
Select Concentration Courses w/Advisor	BAAS 4113, Capstone

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 Midwestern 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.