

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

First Year Courses – 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 Courses – Eastfield College

It's best to apply to UNT 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

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

Third Year – University of North Texas

FIRST SEMESTER	SECOND SEMESTER
☐ PSCI 2305 – American Gov't: Process & Policies (GOVT 2305)	☐ PSCI 2306 – American Gov't: Laws & Institutions (GOVT 2306)
☐ HIST 2610 – US History to 1865 (HIST 1301)	☐ HIST 2620 – US History since 1865 (HIST 1302)
☐ BIOL 1112 – Contemporary Biology* (BIOL 1408)	☐ BIOL 1132 – Environmental Science* (BIOL 2406)
☐ MUET 3030 – Music Cultures of the World*	PACS 3020 – Fundamentals of Inquiry
PACS 3000 – Civic Engagement	PACS 4050 – Negotiation

Fourth Year – University of North Texas

FIRST SEMESTER	SECOND SEMESTER
Choose Specialization Courses w/Advisor ⁺	Choose Specialization Courses w/Advisor ⁺
Choose Specialization Courses w/Advisor ⁺	Choose Specialization Courses w/Advisor ⁺
Choose Specialization Courses w/Advisor ⁺	Choose Specialization Courses w/Advisor ⁺
Choose Specialization Courses w/Advisor ⁺	Choose Specialization Courses w/Advisor ⁺

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.

^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.

☐ This course will count toward the core at UNT.

☐ Course numbers shown in parentheses are equivalent to these courses at UNT.

⁺ Students can choose a different specialization and should speak with an advisor about their options. Examples of specializations include, but are not limited to: English as a Second Language (ESL), Leadership Development, Logistical Operations, Aviation Operations, Digital Language Curation, and Computational Logistics.