

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

**First Year Courses – Eastfield College**

FIRST SEMESTER	SECOND SEMESTER
ELMT 1405 – Basic Fluid Power	C Fine Arts Elective* <sup>Δ</sup> (050)
CETT 1403 – DC Circuits	CETT 1429 – Solid State Devices
C SPCH 1311 – Intro. to Speech Communications* <sup>Δ</sup> (090)	MATH 1316 – Plane Trigonometry <sup>Δ</sup> (C)
CETT 1405 – AC Circuits	C PSYC 2301 – General Psychology* <sup>Δ</sup> (080)
C MATH 1314 – College Algebra* <sup>Δ</sup> (020)	MFGT 1404 – Automated Manufacturing
Total Semester Hours: 18	Total Semester Hours: 17

**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
C ENGL 1301 – Composition I (010)	ENGL 1302 – Composition II <sup>Δ</sup> (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* <sup>Δ</sup>	
Total Semester Hours: 16	Total Semester Hours: 15

**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 – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
C PSCI 2305 – American Gov't: Process & Policies (GOVT 2305)	C PSCI 2306 – American Gov't: Laws & Institutions (GOVT 2306)
C BIOL 1112 – Contemporary Biology* (BIOL 1408)	C BIOL 1132 – Environmental Science* (BIOL 2406)
C MUET 3030 – Music Cultures of the World*	PACS 3000 – Civic Engagement
LTEC 1100 – Computer Applications*	LTEC 3220 – Computer Graphics in Education and Training*
LTEC 3010 – Personal Development*	ELECTIVE 3000+*
Total Semester Hours: 15	Total Semester Hours: 15

**Fourth Year – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
PACS 3020 – Fundamentals of Inquiry	PADM 4050 – Negotiation
C HIST 2610 – US History to 1865 (HIST 1301)	C HIST 2620 – US History since 1865 (HIST 1302)
LTEC 3260 – Web Authoring*	LTEC 4000 – Principles of Training and Development*
ELECTIVE 3000+*	ELECTIVE 3000+*
Total Semester Hours: 12	Total Semester Hours: 12

**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.

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.

(C) 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.