



Mechatronics AAS to
Bachelor of Applied Arts and Sciences
Guided Pathway
Effective for the 2019-2020 Catalog

First Year – Paris Junior College

FIRST SEMESTER	SECOND SEMESTER
CETT 1409 - DC-AC Circuits	CETT 1349 - Digital Systems
COSC 1301 - Introduction to Computing	HYDR 1345 - Hydraulics and Pneumatics
ELMT 2333 - Industrial Electronics	INTC 1341 - Principles of Automatic Control
ELPT 1221 - Introduction to Electrical Safety and Tools	RBTC 1301 - Programmable Logic Controllers
MATH 2312 - Pre-Calculus Math	RBTC 1351 - Robotic Mechanisms

Second Year – Paris Junior 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
ELMT 2337 - Electronic Troubleshooting, Service & Repair	ARTS 1301 - Art Appreciation
ELPT 1351 - Electrical Machines	ELPT 2355 - Programmable Logic Controllers II
ELPT 2319 - Programmable Logic Controllers I	ENTC 1349 - Reliability and Maintainability
ENGL 1301 - Composition I	GOVT 2305 - Federal Government
SPCH 1321 - Business & Professional Communication	INMT 2345 - Industrial Troubleshooting

AAS: Mechatronics

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
BAAS 3020 - Inquiry and Discovery	BAAS 3000 – Pathways to Civic Engagement
^c ENGL 1320 – College Writing II (010)	^c Life and Physical Science (030)
^c Life and Physical Science (030)	^c Humanities Course (040)
MGMT 3720 – Organizational Behavior	MGMT 4470 – Leadership
3XXX-4XXX Concentration 3	3XXX-4XXX Concentration 3

Fourth Year – University of North Texas

FIRST SEMESTER	SECOND SEMESTER
^c Social and Behavioral Sciences (080)	BAAS 4100 - Managing a 21 st Century Career
^c HIST 2610 – US History to 1865 (060)	^c PSCI 2306 - US and Texas Constitutions and Institutions (070)
^c Component Area 3XXX-4XXX (090)	^c HIST 2620 – US History since 1865 (060)
MGMT 3850 – Foundations of Entrepreneurship	MGMT 4660 – International Management Perspectives
3XXX-4XXX Concentration 3	3XXX-4XXX Concentration 3

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 UNT.

UNT Concentrations:

This plan illustrates one possible concentration. However, there are other possible concentrations that can be selected in conjunction with your academic advisor.