



**AAS in Electrical/Electronic Controls Technology to
Bachelor of Applied Arts and Sciences
Guided Pathway
2019-2020 Catalog**

First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
TECM 1303 – Technical Calculations	ELPT 1325 – National Electrical Code I
IEIR 1302 – Introduction to Direct Current Circuits	IEIR 1304 – Alt. Current Circuits for Industrial Applications
CETT 1321 – Electronic Fabrication	CETT 1325 – Digital Fundamentals
ECON 2301 – Principles of Macroeconomics * (080)	ENGL 2311 – Technical & Business Writing (090)
ENGL 1301 – Composition I (010)	Total semester hours: 12

Total semester hours: 15

SUMMER I
IEIR 2388 – Internship – Industrial Electronics Technology/Technician *

Total semester hours: 3

Second Year – Tyler Junior College

It's best to apply to UNT a full semester before transfer ring and submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
ELPT 2305 – Motors and Transformers	ELPT 1345 – Commercial Wiring
INCR 1302 – Physics of Instrumentation	ELPT 2347 – Electrical Testing and Maintenance
INTC 1341 – Principles of Automatic Control	ENER 2325 – SCADA and Networking
ELPT 2319 – Programmable Logic Controllers I	SPCH 1321 – Business & Prof. Communication (010) *
MATH 1314 – College Algebra (020) *	PHIL 2306 – Introduction to Ethics (040)
Total semester hours: 15	Total semester hours: 15

AAS: Electrical/Electronic Controls 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
BAAS 3020 - Inquiry and Discovery	BAAS 3000 – Pathways to Civic Engagement
Elective	Life and Physical Science (030)
Life and Physical Science (030)	Fine Arts course (050)
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
PSCI 2305 – American Gov't: Process & Policies (070)	BAAS 4100 - Managing a 21 st Century Career
HIST 2610 – US History to 1865 (060)	PSCI 2306 - US and Texas Constitutions and Institutions (070)
Component Area 3XXX-4XXX (090)	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.

Ⓢ 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:

In this plan, one Applied Arts and Science concentration is drawn from the community college coursework. A second is shown for illustration, and a third left open. There are many other possible concentrations that can be selected in consultation with your academic advisor.

For questions about the University portion of this degree plan, contact the UNT Applied Arts and Sciences Unit Office at (940) 369-8129, baas@unt.edu <http://baas.unt.edu>