



**AAS in Electrical/Electronic Controls Technology to
Online BAAS
Guided Pathway
2017-2018 Catalog**

First Year – Tyler Junior College

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (12 SCH)
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
^c ECON 2301 – Principles of Macroeconomics * (080)	^f ENGL 2311 – Technical & Business Writing * (090)
^c ENGL 1301 – Composition I (010)	SUMMER (3 SCH)
	ELMT 1380 – Cooperative Education – Electromechanical Technology/Electromechanical Engineering Technology *

Second Year – Tyler Junior College

It's best to apply to Midwestern State University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (15 SCH)
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	^c SPCH 1321 – Business & Professional Communication (010)
^c MATH 1314 – College Algebra (020)	^c PHIL 2306 – Introduction to Ethics (040)

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 - Midwestern State University Online BAAS

FIRST SEMESTER	SECOND SEMESTER
ENGL 1302 (or Communications II Core)	Any Computer Science Proficiency Course
Any Physical/Life Science Core	Any Physical/Life Science Core
HIST 1133 (American History I)	HIST 1233 (American History II)
POLS 1333 (GOVT 2305-Federal Govt)	POLS 1433 (GOVT 2306-Texas Govt)
Cultural & Global Understanding	Undergraduate Inquiry & Creativity
Any Creative Arts Core	

Fourth Year – Midwestern State University Online BAAS

FIRST SEMESTER	SECOND SEMESTER
Select Concentration Courses with Advisor	Select Concentration Courses with Advisor
Select Concentration Courses with Advisor	Select Concentration Courses with Advisor
Select Concentration Courses with Advisor	Select Concentration Courses with Advisor
Select Concentration Courses with Advisor	Select Concentration Courses with Advisor
Select Concentration Courses with Advisor	Select Concentration Courses with Advisor
Select Concentration Courses with Advisor	BAAS 4113, Capstone Project

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.
- (f) Course numbers shown in parentheses are equivalent to these courses at Midwestern State University.

*For questions about the University portion of this guided pathway,
Contact the Academic Advising Office (940) 397-4400 or www.mwsu.edu/baas.*