



**Electrical Technology AAS to BAAS  
Bachelor of Applied Arts & Sciences  
Technology Concentration  
2019-2020 Catalog**



**First Year – Grayson College**

FIRST SEMESTER	SECOND SEMESTER
DFTG 1325 Blueprint Reading	ELPT 2305 Motors and Transformers
ELPT 2337 Electrical Planning and Estimating	ELPT 1325 National Electrical Code
ELPT 1311 Basic Electrical Theory	ELPT 1329 Residential Wiring
ELPT 1221 Intro to Electrical Safety and Tools	ELPT 2164 Practicum in Elec Transmission
ELPT 1291 Special Topics in Electric	ELTN 1343 Electrical Troubleshooting

**Second Year – Grayson 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	SECOND SEMESTER
ELPT 1345 Commercial Wiring	ITSC 1309 Integrated Software Applications
ELPT 2319 Programmable Logic Controllers	<sup>c</sup> MATH 1332 Contemporary Mathematics
<sup>c</sup> ENGL1301 Composition I (option: First year – first semester)	ELPT 2165 Practicum in Elec. Transmission
ELTN 1391 Special Topics	<sup>c</sup> SPCH 1311 Intro to Speech Communication
ELPT 2343 Electrical Systems Design	<sup>c</sup> HIST 1301 US History I * (option: first year semester 2)
ELPT 1341 Motor Control	<sup>c</sup> HUMA 1301 Intro to the Humanities *

**AAS: Electrical 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 Bachelor of Applied Arts & Sciences Technology Concentration**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> ENGL 1153 (1302) Academic Writing & Lit	<sup>c</sup> Creative Arts
<sup>c</sup> Life & Physical Science	<sup>c</sup> Life & Physical Science
<sup>c</sup> HIST 1233 (1302) U.S. History since 1865	<sup>c</sup> POLS 1433 (GOVT 2305)*
<sup>c</sup> POLS 1333 (GOVT 2306)*	<sup>c</sup> Social & Behavioral Science
<sup>c</sup> Undergraduate Inquiry	<sup>c</sup> Cultural & Global Understanding

**Fourth Year - Midwestern State University Bachelor of Applied Arts & Sciences  
Technology Concentration**

FIRST SEMESTER	SECOND SEMESTER
TECH 3103 – Safety Technology	TECH 4103 - Innovation
TECH 3113 – Quality Technology	TECH 4113 – Facilities Design
TECH 3133 – Manufacturing Technology	TECH 4123 – Energy Technology
TECH 3143 – Production Planning	TECH 4133 – Construction Technology
TECH 3153 – Project Planning	BAAS 3113, Internship or Elective Course
TECH 3163 – Supply Technology	BAAS 4113 - Capstone

**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.

<sup>c</sup> This course counts for the Core Curriculum at any public college or university in Texas.

*For questions about the University portion of this pathway,  
Contact the BAAS Office at [940] 397-4400 or email: [baas@msutexas.edu](mailto:baas@msutexas.edu).*