



AAS. Electrical Line Technician to  
Bachelor of Applied Arts & Sciences Degree Technology Concentration  
**Guided Pathway**  
2019-2020 Catalog

**First Year - Tarrant County College District**

FIRST SEMESTER	SECOND SEMESTER
TECM 1303 – Technician Calculations	HART 1401 – Basic Electricity for HVAC
LNWK 2321 – Live Line Safety	LNWK 1211 – Climbing Skills
LNWK 1241 – Distribution Operations	LNWK 2322 – Distribution Line Construction
LNWK 1301 – Orientation and Line Skill Fundamentals	LNWK 1331 – Transformer Connections
COSC 1301 – Introduction to Computing *	OSHT 1305 – OSHA Regulations – Construction Industry
HYDR 1301 – Rigging and Conveying Systems	

**Second Year – Tarrant County College District**

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
MATH 1314(020) – College Algebra <sup>C*</sup>	ELPT 2335 – Electrical Theory and Devices
SOCI 1301(080) – Introduction to Sociology <sup>C*</sup>	ELPT 2347 – Electrical Testing & Maintenance(Capstone)
ARTS 1301(050) – Art Appreciation <sup>C*</sup>	ENGL 1301(010) – Composition I <sup>C*</sup>
HART 2431 – Advanced Electricity for HVAC	SPCH 1311 (090) – Intro to Speech Comm <sup>C*</sup>
LNWK 2324 – Troubleshooting Distribution Systems	

**AAS: Electrical Line Technician**

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 Technology Concentration**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> ENGL 1153 (1302) Academic Writing & Lit	<sup>C</sup> Life & Physical Science
<sup>C</sup> Life & Physical Science	<sup>C</sup> POLS 1433 (GOVT 2305)*
<sup>C</sup> Language, Philosophy & Culture	<sup>C</sup> HIST 1233 (1302) U.S. History since 1865
<sup>C</sup> HIST 1133 (1301) U.S. History from 1865	<sup>C</sup> Undergraduate Inquiry
<sup>C</sup> POLS 1333 (GOVT 2306)*	<sup>C</sup> Cultural & Global Understanding
Computer Science Course	

**Fourth Year - Midwestern State University 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.

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

*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).*