



AAS. Electronics Technology – Engineering Technology to
Bachelor of Applied Arts & Sciences Degree Technology Concentration
Guided Pathway
2019-2020 Catalog

First Year - Tarrant County College District

FIRST SEMESTER	SECOND SEMESTER
MATH 1314(020) – College Algebra ^{C*}	CETT 1441 – Solid State Circuits
CETT 1409 – DC-AC Circuits	CETT 1445 – Microprocessor
CETT 1449 – Digital Systems	ENGR 1201 – Intro to Engineering
RBTC 1401 - Programmable Logic Controls	SPCH 1311(010) – Intro to Speech Communication ^{C*}
KINE 1164 - to Physical Fitness and Wellness ^C	ENGL 1301(010) - Composition I ^C

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
ARTS 1301(050) – Art Appreciation ^{C*}	ENGR 2332 – Mechanics of Materials
CETT 2435 – Advanced Microprocessors	PHYS 2426(030) – University Physics II
ENGR 2403 – Engineering Mechanics Statics/Dynamics	ENGR 2305 –Circuit Analysis (Capstone)
PHYS 2425(030) – University Physics I	GOVT 2305(080) – Federal Government ^{C*}

AAS: Electronics Technology –Engineering 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 Technology Concentration

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1153 (1302) Academic Writing & Lit	^C Language, Philosophy & Culture
^C HIST 1133 (1301) U.S. History from 1865	^C HIST 1233 (1302) U.S. History since 1865
^C POLS 1333 (GOVT 2306)*	^C Undergraduate Inquiry
^C Social & Behavioral Science	^C 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.

^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 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.*