



AAS in Network System Administrator to
Bachelor of Applied Arts and Sciences – Technology Concentration
Guided Pathway
Effective for the 2020-2021 Catalog



First Year – Central Texas College

FIRST SEMESTER	SECOND SEMESTER
COSC 1301 Introduction to Computing	ITNW 1337 Introduction to the Internet
ITSC 1316 Linux Installation & Configuration	ITCC 1340 CCNA 2: Routing & Switching Essentials
ITCC 1314 CCNA 1: Introduction to Networks	ITSE 1359 Introduction to Scripting Languages
^c ENGL 1301 Composition I	ITNW 1316 Network Administration
^c MATH 1414 College Algebra	^c SPCH 1321 Business & Professional Communication

Total Semester Hours: 16

Total Semester Hours: 15

Second Year – Central Texas 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
ITSY 1342 Information Technology Security	ITSY 2345 Network Defense & Countermeasures
ITNW 1345 Implementing Network Directory Services	^c Creative Arts Selection*
ITSY 2401 Firewalls & Network Security	ITSW 1307 Introduction to Database
ITNW 1313 Computer Virtualizations	ITNW 1454 Implementing & Supporting Servers OR ITNW 2488 Internship – Computer Systems Networking/Telecommunications
^c PSYC 2301 or 2315 or SOCI 1301	

Total Semester Hours: 16

Total Semester Hours: 13

AAS: Network System Administrator

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 and Sciences – Technology Concentration

FIRST SEMESTER	SECOND SEMESTER
^c POLS 1333 (GOVT 2306)*	^c Life & Physical Science
^c Life & Physical Science	^c HIST 1233 (1302) U.S. History since 1865
^c Language, Philosophy & Culture	^c POLS 1433 (GOVT 2306)*
^c HIST 1133 (1301) U.S. History from 1865	^c Cultural & Global Understanding
	^c Undergraduate Inquiry

Total Semester Hours:12

Total Semester Hours: 15

Fourth Year – Midwestern State University Bachelor of Applied Arts and 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

Total Semester Hours: 18

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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.*