



**AAS in Network Engineering to
Bachelor of Applied Arts & Sciences
Guided Pathway
Effective for the 2017-2018 Catalog**



First Year – Tyler Junior College

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (15 SCH)
ITSC 1305 – Introduction to PC Operating Systems	COSC 1301 – Introduction to Computing
ITMT 1371 – Installing and Configuring Windows Operating Sys.	ITMT 1372 – Configuring Windows Devices
^c EDUC 1300 – Learning Framework (090)	ITSC 1321 – Intermediate PC Operating Systems
ITNW 1325 – Fundamentals of Networking Technologies	EECT 1300 – Technical Customer Service
CPMT 1311 – Introduction to Computer Maintenance	CPMT 1347 – Computer System Peripherals

Second Year – Tyler Junior College

It's best to apply to Texas A&M University-Commerce a full semester before transferring and submit a copy of this pathway with your application.

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (15 SCH)
ITCC 1314 – CCNA 1: Introduction to Networks	ITCC 2312 – CCNA 3: Scaling Networks
ITCC 1340 – CCNA 2: Routing and Switching Essentials	ITCC 2313 – CCNA 4: Connecting Networks
ITSY 1300 – Fundamentals of Information Security	ITSC 2386 – Internship - Computer & Info. Sciences, General
^c ENGL 1301 – Composition I (010)	^c SPCH 1321 – Business & Professional Communication (010)
^c MATH 1332 – Contemporary Math. (Quant. Reasoning) * (020)	^c ENGL 2332 – World Literature I * (040)

AAS: Network Engineering

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Third Year - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
^c ENG 1302 - GLB/US-Written Argument/Research	^c HIST 1302 - U.S. History from 1865
^c HIST 1301 - U.S. History to 1877	^c PSCI 2302 - US/TX Government; Institutions & Policies ²
^c PSCI 2301 - Principles of US and Texas Government ²	^c ANY SOCIAL OR BEHAVIORIAL SCIENCE CORE
^c ANY CREATIVE ARTS CORE	^c ANY LIFE & PHYSICAL SCIENCE CORE
^c ANY LIFE & PHYSICAL SCIENCE CORE	BAAS 326 Tech Techniques & Solutions
BAAS 301 Principles of Applied Sciences	

Fourth Year - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
TMGT 458 Project Management	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	TMGT 303 Technical Communications
BAAS 351 Financial Tools for Mangers (Pre Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	Upper Level Elective

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 and does not count toward degree hours.

* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

²Taking both GOVT courses at TJC creates a better alignment.

For questions about the University portion of this guided pathway, contact the Applied Science Academic Advising Office at (903) 886-5155 or Misty.Lair@tamuc.edu.