



**AAS in Network Engineering to  
Bachelor of Applied Arts & Sciences  
Guided Pathway  
2018-2019 Catalog**



**First Year – Tyler Junior College**

FIRST SEMESTER	SECOND SEMESTER
<b>ITSC 1305</b> – Introduction to PC Operating Systems	<b>COSC 1301</b> – Introduction to Computing
<b>ITMT 1371</b> – Installing and Config. Windows Oper. Sys.	<b>ITMT 1372</b> – Configuring Windows Devices
<b>ITNW 1325</b> – Fundamentals of Networking Technologies	<b>ITSC 1321</b> – Intermediate PC Operating Systems
<b>CPMT 1311</b> – Introduction to Computer Maintenance	<b>EECT 1300</b> – Technical Customer Service
<b>EDUC 1300</b> – Learning Framework (090)	<b>CPMT 1347</b> – Computer System Peripherals
Total semester hours: 15	Total semester hours: 15

**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	SECOND SEMESTER
<b>ITCC 1314</b> – CCNA 1: Introduction to Networks	<b>ITCC 2312</b> – CCNA 3: Scaling Networks
<b>ITCC 1340</b> – CCNA 2: Routing and Switching Essentials	<b>ITCC 2313</b> – CCNA 4: Connecting Networks
<b>ITSY 1300</b> – Fundamentals of Information Security	<b>ITSC 2386</b> – Internship – Comp. & Info. Sci., General *
<b>ENGL 1301</b> – Composition I (010)	<b>SPCH 1321</b> – Bus. & Professional Communication (010)
<b>MATH 1332</b> – Contemporary Math. (Quant. Reasoning) * (020)	<b>XXXX X3XX</b> – Language, Philosophy and Culture Core * (040)
Total semester hours: 15	Total semester hours: 15

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

**Fourth Year - Texas A&M University-Commerce**

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

^ 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).

<sup>2</sup>Taking 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](mailto:Misty.Lair@tamuc.edu).*