



Cisco Systems Computer Networking Technology to  
Bachelor of Applied Arts & Sciences  
**Guided Pathway**  
Effective for the 2016-2017 Catalog



**First Year - Collin County Community College**

FIRST SEMESTER	SECOND SEMESTER
ITNW 1358 Network +	CPMT 1305 IT Essentials I: PC Hardware and Software
ITCC 1371 CCNA 1 Cisco - Introduction to Networks	<sup>C</sup> ENGL 1301 – Composition I (010)
ITCC 1374 CCNA 2 - Routing and Switching Essentials	ITCC 2371 CCNA 3 - Scaling Networks
ITMT 2370 Installing & Configuring Windows Server 2012	ITCC 2372 CCNA 4 - Connecting Networks
<sup>C</sup> MATH 1324 – Mathematics for Business and Social Sciences I* (020)	ITMT 2371 Administering Windows Server 2012

SUMMER
<sup>C</sup> ECON 2301 – Macroeconomics* (080)
ITCC 2374 CCNP Routing - Implementing IP Routing

**Second Year - Collin County Community College**

It's best to apply to TAMUC 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
<sup>C</sup> PHIL 2303 – Introduction to Logic* (040)	ITCC 2376 CCNP TSHOOT - Maintaining and Troubleshooting IP Networks
ITCC 2370 Cisco CCNA Security	ITNW 2374 Advanced Computer Networking Case Study (Capstone)
ITCC 2375 CCNP Switch - Implementing IP Switching	<sup>C</sup> SPCH 1321 – Business & Professional Communication* (090)
ITSY 2300 Operating System Security	ITNW 2373 – Information Storage Management*

**AAS: Cisco Systems Computer Networking Technology**

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

*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.*



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**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)	Upper Level Elective
BAAS 351 Financial Tools for Managers (Pre Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	TMGT 303 Technical Communications

**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 TAMUC.