



Computer Networking Technology to  
BAAS Information Technology  
**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
C ENGL 1301 – Composition I (010)	ITCC 1371 – CCNA 1 Cisco - Introduction to Networks
ITMT 1370 – Configuring and Supporting Microsoft Windows 7	ITMT 2371 – Administering Windows Server 2012
ITMT 2370 – Installing and Configuring Windows Server 2012	ITSC 1316 – Linux Installation and Configuration
C MATH 1324 – Math for Business & Social Sciences*(020)	

SUMMER
C ECON 2301 – Macroeconomics* 080)
ITCC 1374 CCNA 2 – Routing and Switching Essentials

**Second Year - Collin County Community College**

It's best to apply to [Tarleton State](#) 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 2300 – Operating System Security	ITMT 2372 – Configuring Advanced Windows Server 2012 Services
C SPCH 1321 – Business & Professional Communication* (090)	ITMT 2373 – Designing and Implementing a Server Infrastructure (Capstone)
ITSY 1300 – Fundamentals of Information Security*	ITMT 2374 – Implementing an Advanced Server Infrastructure
ITSY 2301 – Firewalls and Network Security*	C PHIL 2303 – Introduction to Logic* (040)
	ITSY 2341 – Security Management Practices*

**AAS: 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 – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
C Science Core (030)	C Science Core (030)
C HIST 1301 United States History I (060)	C HIST 1302 United States History II (060)
C GOVT 2305 Federal Government (070)	C GOVT 2305 Federal Government (070)
C ENGL 1302 Composition II (010)	ACCT 2301 Principles of Accounting I- Financial
C Visual & Performing Arts (040)	BCIS 3332 or 3333 Java Programming or C# Programming

For questions about the [Tarleton State University](#) portion of this guided pathway, Contact the BAAS Program Manager at 254-968-1930 or [CIS\\_Dept@tarleton.edu](mailto:CIS_Dept@tarleton.edu)



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**Fourth Year - Tarleton State University**

SUMMER	
MGMT 3301 Principles of Management	

FIRST SEMESTER	SECOND SEMESTER
ENGL 3309 or BUSI 3312 Technical Writing and Document Design or Business Communication	BCIS 3347 Data Communications
BUSI 3311 Business Statistics	BCIS 3389 System Analysis and Design
BCIS 3342 or 3343 Advanced Java Programming or Advanced C# Programming	BCIS 4301 Database Theory and Practice
Advanced BCIS electives (6hrs)	BCIS 4350 Management Information System
	Advanced BCIS elective (3hrs)

**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 [Tarleton State University](http://tarleton.edu).