



### First Year - Collin College

| FIRST SEMESTER   | SECOND SEMESTER                              |
|--|--|
| ITNW1358 - Network +   | Computer Networking elective                 |
| ITCC 1314 – CCNA 1: Introduction to Networks                                   | <sup>C</sup> ENGL 1301 – Composition I (010) |
| ITCC 1340 – CCNA 2: Routing and Switching Essentials                           | ITCC 2341 – CCNA Security                    |
| ITNW 1351 – Fundamentals of Wireless LANS                                      | ITCC 2312 – CCNA 3: Scaling Networks         |
| <sup>C</sup> MATH 1324 – Mathematics for Business and Social Sciences I (020)* | ITCC 2313 – CCNA 4 - Connecting Networks     |

Total Semester Hours: 15 SCH

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### SUMMER SEMESTER

|   |
|---|
| <sup>C</sup> ECON 2301 – Macroeconomics (080)*        |
| <sup>C</sup> PHIL 2303 – Introduction to Logic (040)* |

Total Semester Hours: 6 SCH

### Second Year – Collin College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

|  | SECOND SEMESTER  |
|--|--|
| ITCC 2354 – CCNP R&S ROUTE   | ITCC 2356 – CCNP R&S TSHOOT (Capstone)                                 |
| ITCC 2355 – CCNP R&S SWITCH  | ITMT 1373 – Networking with Windows Server 2016                        |
| ITMT 1372 – Installation, Storage and Computing with Windows Server 2016 | Computer Networking elective   |
| ITSY 2300 – Operating System Security                                    | <sup>C</sup> SPCH 1321 – Business & Professional Communication (090) * |

Total Semester Hours: 12 SCH

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### AAS: Computer Networking - Infrastructure Track (Cisco Focus)

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   |
|--|---|
| <sup>C*</sup> Life and Physical Science Core (030)     | <sup>C*</sup> Life and Physical Science Core (030)      |
| <sup>C</sup> HIST 1301 – United States History I (060) | <sup>C</sup> HIST 1302 – United States History II (060) |
| <sup>C</sup> GOVT 2305 – Federal Government (070)      | <sup>C</sup> GOVT 2306 – Texas Government (070)         |
| <sup>C</sup> ENGL 1302 – Composition II (010)          | Advanced Elective Course                                |
| <sup>*C</sup> Creative Arts (050)                      | BCIS 3333 – C# Programming (Fall Only)                  |

### SUMMER SEMESTER

|  |                                     |
|--|-------------------------------------|
| <sup>*C</sup> Institutional Option (090) | BUSI 3312 – Business Communications |
| Advanced BCIS Elective Course            | Advanced Elective Course            |

### Fourth Year - Tarleton State University

| FIRST SEMESTER                | SECOND SEMESTER                           |
|-------------------------------|---|
| Advanced Elective Course      | BCIS 3347 – Data Communications           |
| Advanced Elective Course      | BCIS 3389 – System Analysis and Design    |
| Advanced Elective Course      | BCIS 4301 – Database Theory and Practice  |
| Advanced Elective Course      | BCIS 4350 – Management Information System |
| Advanced BCIS Elective Course | Advanced BCIS Elective Course             |

**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.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.