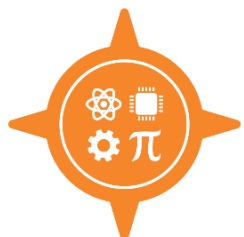


GUIDED PATHWAY: NETWORKING PROFESSIONAL CERTIFICATE

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



For more information, visit the [Dallas College Computer Information Technology webpage](http://www.dcccd.edu/CIT) [www.dcccd.edu/CIT] and your academic advisor at your campus.

This is an example course sequence for students interested in pursuing the Networking Security Awards. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Networking Professional Certificate. Courses from this certificate may apply to the related A.A.S. degree. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

This certificate will examine complex networking concepts using troubleshooting tools and more sophisticated configurations. Upon completion of each course, the student will have acquired skills needed to prepare for certification exams to become a Cisco Certified Network Professional. Courses that complete the certificate are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Level I Certificate	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
TSI	May be Exempt	

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

CERTIFICATE MINIMUM: 16 SEMESTER CREDIT HOURS

PREREQUISITE

Basic understanding of personal computers and operating systems as obtained in [ITSC 1401](#) or [BCIS 1405](#) or [COSC 1301](#) or equivalent experience approved by designated Information Technology personnel, as well as CCNA certification and successful completion of skills-based exam or completion of CCNA 4.

SEMESTER 1

Total Hours: 8

[ITCC 2454](#) – CCNP R&S ROUTE
[ITCC 2455](#) – CCNP R&S SWITCH

SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. NOTE: Upon completion of each course, the student is eligible to take the appropriate CCNP (CISCO Certified Networking Professional) credentialing exam.
3. Meet with a career advisor or coach to research your career options and opportunities for job shadowing and for assistance in preparing for job search.

SEMESTER 2

Total Hours: 8

[ITCC 2456](#) – CCNP R&S TSHOOT *This is the capstone course for this award.*
ELECTIVE – Any 4-credit hour **CPMT, EECT, ITCC, ITDF, ITMT, ITNW, ITSC, ITSW, or ITSY** course

SEMESTER 2 ACTION ITEMS

1. Meet with your advisor to apply for the Networking Professional Certificate.

PATHWAY TOTAL: 16 SEMESTER CREDIT HOURS