

Network Infrastructure, C.C.C. (21 Credits)

Guided Pathway: College Credit Certificate, Network Infrastructure (CSNI)

For more information, visit www.fgc.edu and your academic advisor.

Meta-major: STEM

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Information Technology career cluster.

This is the sequence of courses for students interested in a college credit certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a college credit certificate. Courses that complete the certificate are listed below. As always, visit your academic advisor each semester to help you keep on track for graduation.



SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS

PRE-ENROLLMENT	ACTION ITEMS
	<ul style="list-style-type: none">Complete the Florida Gateway College ApplicationComplete the CSNI program applicationBegin applying for Financial Aid and Scholarships. <i>(You can start the FAFSA in October for the next academic year – i.e. October 2024, you can complete the FAFSA for class registration for Fall 2025)</i>Check with your advisor for important deadlines and dates.Meet with your advisor to discuss your plan of study.
SEMESTER 1	ACTION ITEMS
CTS 1134 – Introduction to Networking	<ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.Meet with your advisor to discuss options to transfer into or pursue the AS Degree. <p>At the end of the semester, begin research on career options. Meet with a career advisor/coach to research your career options with a certificate in <i>Networking Infrastructure, C.C.C.</i></p>
CTS 1131 – Computer Essentials & Support	
CET 1600C – Cisco Network Fundamentals	
CTS 2145 – Cloud Essentials	
TOTAL SEMESTER CREDIT HOURS: 12	
SEMESTER 2	ACTION ITEMS
CET 1610C – Cisco Routing & Switching	<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.After reviewing your final program of study, apply for Graduation.<ul style="list-style-type: none">Meet with your advisor to apply for graduation for your degree.Sign up for commencement. <p>Congratulations, graduate!</p>
CET 2620C – Cisco Securing Networks	
CTS 1170 – Foundations of Information Security	
TOTAL SEMESTER CREDIT HOURS: 9	
CSNI CERTIFICATE PATHWAY TOTAL: 21 CREDIT HOURS	

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

ⁱⁱⁱ This is not an official degree plan. For official degree requirements, [click here](#).

^{iv} You must earn a grade of "C" or better in all Gordon Rule classes.