

# IT FOUNDATION, CERTIFICATE OF ACHIEVEMENT

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**Banner Code:** 3\_CN\_ITFOUN

**Control Number:** 42527

**Not Financial Aid Eligible**

This certificate program provides students with a preliminary foundation in the field of Information Technology. The emphasis on personal computers and networking will provide students with the foundational skills needed for an entry-level position. Topics covered include IT terminology and concepts, infrastructure, managing applications and software, software development concepts, database fundamentals, and basic cybersecurity. The courses emphasize development of fundamental technical skills needed in computer networking, help desk troubleshooting, and best practices for device security.

## Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.
2. Demonstrate proficiency with various software packages to solve common networking problems to design and implement a workable solution.
3. Build and maintain secure networks.

Review Graduation Requirements (<https://catalog.cccd.edu/coastline/graduation-requirements/certificates/#achievementtext>).

Course	Title	Units
<b>Required Core</b>		
Complete the following:		
CYBR C101	Introduction to Cybersecurity	3
IT C104	IT Fundamentals	4
IT C128	Computer Networking Principles (Network +)	3
or IT C201	Introduction to Networking (Cisco CCNA 1)	
IT C158	Contemporary Operating Systems (Server+)	3
IT C198	Cloud Foundations	3
<b>Total Units</b>		<b>16</b>