

# CISCO CERTIFIED NETWORK PROFESSIONAL: ENTERPRISE ADVANCED ROUTING AND SERVICES, CERTIFICATE OF COMPLETION



**COMPUTER AND  
INFORMATION  
TECHNOLOGY**

**Certificate of Completion: CCL 5187N**

**8 Credits**

## Program Contact

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## Program Description

The Certificate of Completion (CCL) in Cisco Certified Network Professional: Enterprise Advanced Routing and Services builds the advanced knowledge and skills needed for professional-level networking technologies and architecture. This CCL includes concepts of implementation and troubleshooting of advanced routing technologies and services including Layer 3 VPN services, infrastructure security, and infrastructure services, as well as hands-on opportunities to apply these concepts to real-world applications. Students with the requisite experience in the field who complete this CCL can pursue employment in a variety of information technology jobs. This CCL also helps to prepare students for the Implementing Cisco Enterprise Network Advanced Routing and Services (ENARSI) certification exam aligned with the CCNP Enterprise, Cisco Certified Specialist - Advanced Infrastructure Implementation certifications. Additional Certificates of Completion (CCLs) in Cisco Certified Network Security (CCNA Security), Cisco Certified Network Professional: Enterprise Core, Cisco Certified Network Professional: Enterprise, Cisco Network Administration: CCNP, as well as an Associate in Applied Science (AAS) in Network and Systems Administration, are also available.

## Program Notes

This program is not eligible for Title IV Federal Financial Aid.

Students must earn a grade of "C" or better for all courses required within the program. Overall program minimum GPA = 2.00.

This Certificate of Completion (CCL) is intended for industry professionals with the requisite skills aligned with the Cisco Certified Network Associate (CCNA) industry certification who are interested in expanding their knowledge in the area in professional-level networking or to enhance their employment opportunities. Speak to a program director for additional information.

Courses within any of the following prefixes must be taken within five (5) years prior to completion of the program to be applied toward this award: AIM, BPC, CIS, CLD, CNT, CSC, ITS, and MST.

++ indicates any suffixed course may be selected.

## Admission Criteria

This Certificate of Completion (CCL) is intended for industry professionals with the requisite experience. To pursue this CCL, students must complete the following prerequisites to the courses within the Required Course area as follows with a C or better OR have a Cisco Certified Network Associate (CCNA) industry certification OR receive permission of the Program Director:

| Code                 | Title   | Credits   | Semester |
|----------------------|---|-----------|----------|
| CNT140AB             | Introduction to Networks                        | 4         | _____    |
| CNT150AB             | Switching, Routing, and Wireless Essentials     | 4         | _____    |
| CNT160AB             | Enterprise Networking, Security, and Automation | 4         | _____    |
| <b>Total Credits</b> |   | <b>12</b> | _____    |

Students also have the option to complete the full CCL in this program, Cisco Network Administration: CCNP (major code 5037), that includes the prerequisites and required courses.

## Program Requirements

**Program Prerequisites: None**

| Code                         | Title  | Credits  | Semester |
|------------------------------|--|----------|----------|
| <b>Required Courses</b>      |  |          | _____    |
| Select one of the following: |  | 8        | _____    |
| CNT250                       | Cisco Certified Network Professional: Enterprise Advanced Routing and Services   |          | _____    |
| CNT250AA & CNT250AB          | Cisco Certified Network Professional: Enterprise Advanced Routing and Services I and Cisco Certified Network Professional: Enterprise Advanced Routing and Services II |          | _____    |
| <b>Total Credits</b>         |  | <b>8</b> | _____    |