Internet Engineering 1 (CCNA1)

Rev. 1.18.2025

CCNA Routing and Switching curriculum is a gateway to entry-level networking jobs and IT Careers. The curriculum consists of 4, 70-hour courses: Introduction to Networks (Internet Engineering 1 (CCNA1)) Routing and Switching Essentials (Internet Engineering 2 (CCNA2)).

Internet Engineering 1 is an interdisciplinary course designed to prepare students for post-secondary success in the Information and Communication Technologies (ICT) field. The course engages students with studies of: the history and implications of network communications; the protocols which make the Internet possible; how networks provide access to services; and college and career preparation in the ICT field. This course integrates the theory and application of network communications, and exposes students to media that invites them to consider how Internet engineers think, design, and solve problems. Students have several opportunities to produce college-ready writing, collaborate, research, develop study skills, and develop 21st century skills in this course.

IMPORTANT! This is the first course in a series of three that prepares students for the Cisco CCNA Networking Certification and A+ industry certification. To learn more about this course see our course catalog or visit our website at www.tvrop.org

Enroll Now!

Students can earn. . .

- 10 high school credits
- 4 potential college credits
- UC a-g "g" approval (College-Preparatory Elective)

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