



SMPTE | Professional Development Academy

Enabling Global Education



CCNA Routing & Switching Program

Maximize your investment in foundational networking knowledge and increase the value of your employer's network. Validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks.

CCNA Security

Demonstrate the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats. The CCNA Security curriculum emphasizes core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that Cisco uses in its security structure.

View schedule and register: www.smpte.org/ccna



The Essentials of IP Media Transport for Broadcasters

Learn a solid grasp on facility workflow domains for networked file-based and streaming media transport

Compare and contrast serial digital interface (SDI) and IP-based workflow models

Discuss the components and protocols used in an IP-based video production workflow

Explain how to choose and configure video and audio codecs across business applications

Select appropriate image and audio synchronization methods during mixing and switching

View schedule and register: [IP = www.smpte.org/IP](http://www.smpte.org/IP)



Navigating the UHD Ecosystem

Review of UHD essentials, the standardization of basic parameters, and the impact that UHD will have on the industry

Examine techniques that support higher pixel densities and look at the current status of display manufacturing

Outline technical options for immersive sound systems, including object-based, scene-based, and discrete channel-based systems

Focus on UHD compression

Consider production and acquisition techniques

Take a detailed look at UHD production workflows

Consider the strategic dimensions of UHD, including possible timelines and potential barriers to success

View schedule and register: [UHD = www.smpte.org/UHD](http://www.smpte.org/UHD)



Webcasts

Live! Interactive! Educational!

Learn more about hot-topic technologies, issues and developments.

Monthly Educational Webcasts Free to SMPTE Members - Industry recognized subject matter experts present the latest on technologies that are currently being deployed.

Standards Update Webcasts Open to everyone interested in learning about SMPTE Standards - Take a "peek under the hood!"

Executive Strategy Briefing Webcasts Free invitation-only, for SMPTE Executive Member. Participate in the conversation with the executives responsible for engineering strategy at the industry's most notable companies.

Emerging Technology Webcasts Free to SMPTE Members - Learn about cutting edge technologies currently in laboratories around the world that may significantly impact the future of motion imaging and the art of storytelling.

View schedule and register: www.smpte.org/webcasts

View on-demand: www.smpte.org/VOD

www.smpte.org/education