



# SMPTE Virtual Classroom

Gain the knowledge that you need to increase your professional value by delivering better service to advance your career and future-proof your organization!

## Self-Study Courses Are Now Available!



View the latest offerings online and register today!

[www.smpte.org/courses](http://www.smpte.org/courses)

# SMPTE Education

## SMPTE Virtual Courses

Two formats to provide flexibility in fulfilling your learning needs

### Instructor-Supported Virtual Courses:

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These are not traditional open-ended self-paced courses. Each virtual classroom offering is four weeks long and has a specific start and end date and learning goals. Successful completion of these courses is determined by completing course activities and graded quizzes, and a final exam. Participants have a great deal of flexibility for independent study and there is an online discussion forum for each course. Weekly, live, online instructor coaching sessions are also available.

### Self-Study Virtual Courses:

These courses contain the same self-study lessons, quizzes, final exam, and an online discussion forum as Instructor-Supported Virtual Courses. There are also on-demand videos from recent instructor coaching sessions. Self-Study courses are eight weeks long.



#### UNDERSTANDING SMPTE ST 2110: Standards for Professional Media Over Managed IP Networks

Internet Protocol (IP) is here! With the publication of several of SMPTE's suite of ST 2110 standards, it is more important than ever that you understand how IP can be implemented in your professional media creation facility to ensure interoperability between all ST 2110 compliant equipment. Led by SMPTE Fellow Wes Simpson, this SMPTE Virtual Classroom course will provide you with the knowledge you need to help your organization make the most of SMPTE ST 2110, a critical enabler of fully internet protocol (IP)-based operations.

Virtual Classroom courses are also available for private sessions for 12 or more participants. For more information, please contact:

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#### IMF ESSENTIALS: what you need to know

Discover the Interoperable Master Format (IMF), what it's for, how it works, how it's used and the ways it improves content interchange! Learn how to build a delivery specification based on an existing IMF Application specification. Explore the many layers of IMF so that you get the best from your IMF applications and workflows.



#### INTERNETWORKING, ROUTING & SWITCHING PROGRAMS

IP and Networking have become a high, priority challenge for SMPTE Members. To assist with the acquisition of this important new knowledge and associated skills, SMPTE has partnered with Cisco to become a Cisco Authorized Networking Academy (CCNA). SMPTE's Professional Development Academy is now able to offer Cisco's world-class networking courses which are designed to provide each learner with deep theory and practical application of internetworking concepts and principles.



#### ESSENTIALS OF IP MEDIA TRANSPORT FOR BROADCASTERS:

*Moving Real-Time Video and Audio over Packet Networks.* This course will provide you with good working knowledge of the key principles of IP video and audio transport intended for modern production and broadcasting facilities. After completing this course, you will have a solid grasp of the major elements of IP video technology, including content preparation, system architecture alternatives and network performance management.



**HIGH-DYNAMIC-RANGE: HDR Technology and Workflows for Media and Entertainment.** SMPTE's newest Virtual Classroom course will explore workflows for mastering HDR content for theatrical and home distribution. In doing so, it will delve into foundational building blocks of HDR including human perception of light and how it is captured, the opto-electronic transfer function (OETF), the electro-optical transfer function (EOTF), the HDR ecosystem, HDR displays, HDR workflows, and more.