



The Society of Broadcast Engineers

SBE-news

As the newly elected president of the Society of Broadcast Engineers, I am pleased to continue the practice of my predecessors of bringing you timely updates about education programs, regulatory matters and SBE events twice each month in the SBE-news. In this issue, we announce two great new SBE University Courses recently released. Also, a reminder of the SBE RF Safety Course webinar coming up in just 12 days and about a special 8-VSB course being presented by Chapter 67, North Texas, at the end of this month. I hope you'll take advantage of one or more of these great educational opportunities.

Ralph Hogan, CPBE, DRB, CBNT
SBE President



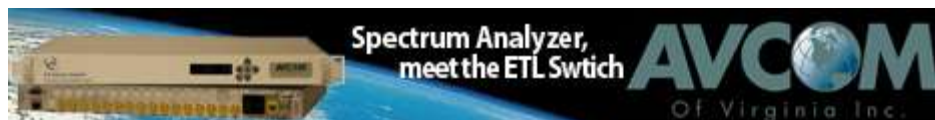
New online, on-demand courses added to SBE University

Two new courses are available from The Society of Broadcast Engineers on SBE University. The courses, Television Video and Audio - a Ready Reference for Engineers and The New Lifecycle of Media - IP and File Based Architecture and Workflows, are the newest in the series of on-line offerings for broadcast engineers.

Television Video and Audio - a Ready Reference for Engineers is written by Randy Hoffner and provides the television engineer with a solid grounding in various aspects of video and audio for television and serves as a reference to the pertinent standards. The course is an overview of video and audio for television, from the dawn of analog television broadcasting to today's digital television transmission. The cost of the course for SBE members is \$99 and \$139 for non-members. More information can be found on the [SBE website](#).

The New Lifecycle of Media - IP and File Based Architecture and Workflows is written by Gary Olson and explores the technical considerations that need to be taken into account in a file based architecture, as well as the changing roles and responsibilities engineers will have in designing and maintaining these new systems. The changes in workflow and business processes are also reviewed, as well as the new jobs and roles that are necessary in handling media in this architecture. This course is also \$99 for SBE members and \$139 for non-members. More information can be found on the [SBE website](#).

SBE University has online, on-demand courses on a variety of broadcast technical topics. With these self-study courses, you pick the topic, time and location to learn and complete it at your own pace. Now that's convenience! Each course is less than \$100 for SBE members. Courses include a glossary, quiz questions and a final exam.



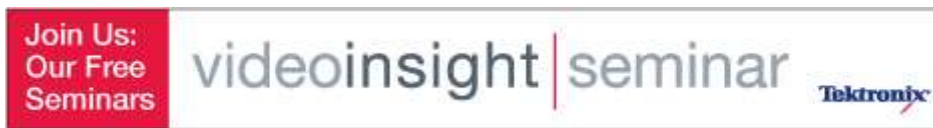
Still time to register for SBE RF Safety Course

Time is running out to register for the SBE RF Safety Course webinar with RF safety expert, Richard Strickland. The course takes place on Tuesday, October 18 from 2:30 to 5:45 p.m., EDT. This course is a must for anyone who needs to have an understanding of RF regulations and safety issues. Topics include biological effects of RF radiation and the distinct differences between RF radiation and ionizing radiation, FCC and OSHA regulations - what they are and what you need to do to comply, workplace hazards, transmitter sites, remote operations and more. The cost for SBE members is \$85 and \$125 for non-members.



Due to limited on-line ports for this webinar, SBE chapters, stations and broadcast companies are encouraged to establish central locations so multiple registered individuals can participate. Individuals may also register and participate on their own.

Register to take the course in [Spokane, Washington](#) or [reserve a login port](#) for an individual or a group. More information can be found on the [SBE website](#).



Chapter 67, North Texas to Offer 8-VSB Measurement Seminar

SBE Chapter 67 of North Texas will present an all-day 8-VSB Measurement Seminar on Saturday, October 29 at the studios of KERA-TV in Dallas, Texas. The seminar will be conducted by DTV Transmission Engineer, Gary Sgrignoli of the consulting firm, Meintel, Sgrignoli and Wallace.

The program will cover ATSC's digital television (DTV) vestigial sideband (VSB) transmission measurement methodologies. As an added bonus, Friday night before the seminar, an 8-VSB Specialist Certification Exam review with Q & A will be held at KERA-TV. This complete review of the 8-VSB transmission system will help in preparation for the SBE 8-VSB Specialist Certification Exam, and it's

free.

For complete information and to register, visit the [SBE Chapter 67 website](#).



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