



The Society of Broadcast Engineers

Fox Valley Wisconsin SBE Chapter 80
PO Box 1519 Appleton, WI 54912-1519

April 2018

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Our next SBE Chapter 80 meeting will be on Tuesday April 17th at the Out O Town Club at noon. Our program will be NAB review and TV audio processing and loudness control with Bob Orban

The presentation will cover Orban’s approach to automatic, CALM-Act-compliant loudness control as embodied in the Optimod-TV 8685 Surround Loudness Controller, and will discuss the features of the 8685 in detail. It will discuss how Orban combines the CBS Technology Center and ITU-R BS.1770 approaches to obtain the advantages of both.



It will cover the concept of “genre” in the context of BS.1770, as first introduced in a 2015 AES Recommendation, and how taking genre into account can reduce some of the practical objections that have been raised as a result of experience with normalizing all program material to the same BS.1770 target loudness. It will present measurements showing the effectiveness of Orban’s approach.

Upcoming meetings

May 15th **Antenna and RF System design for the FCC Repack** by **Eddy Vanderkerken** of RFS World

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Board of Dirs/SBE Liaison	Mike Hendrickson			mhendrickson@sbe.org

Broadcast Infrastructure Cybersecurity Webinar Series - Module 4 is April 24

Security Verification through Penetration Testing

In this final [presentation of the series](#), proactive security monitoring is discussed. Wayne Pecena, CPBE, 8-VSB, AMD, DRB, CBNE, will also provide an overview of network penetration testing and network presentation testing tools. Examples are included in the discussion.

This SBE live webinar will be presented on Tuesday, April 24 from 2:00 to 3:30 p.m. ET.

Pecena is the assistant director of educational broadcast services in the Office of Information Technology at Texas A&M University.



[Register at the SBE website](#). It is free for SBE MemberPlus members; \$59 for traditional SBE members; \$89 for non-members.

[More >](#)

Look ahead at upcoming opportunities to take a [certification exam](#) in your area with the local chapter.

If you would like to take an exam but are not able to make it during these sessions, please contact Megan Clappe to ask about special proctoring.

Certification Exams The deadline to apply to take the SBE certification exam at your local chapter in June is April 21. Register today at sbe.org/certification.

Below is the upcoming certification exam schedule

Exam Dates	Location	Application Deadline (to SBE National Office)
June 1-11, 2018	Local Chapters	April 20, 2018
August 3-13, 2018	Local Chapters	June 5, 2018
November 2-12, 2018	Local Chapters	September 24, 2018

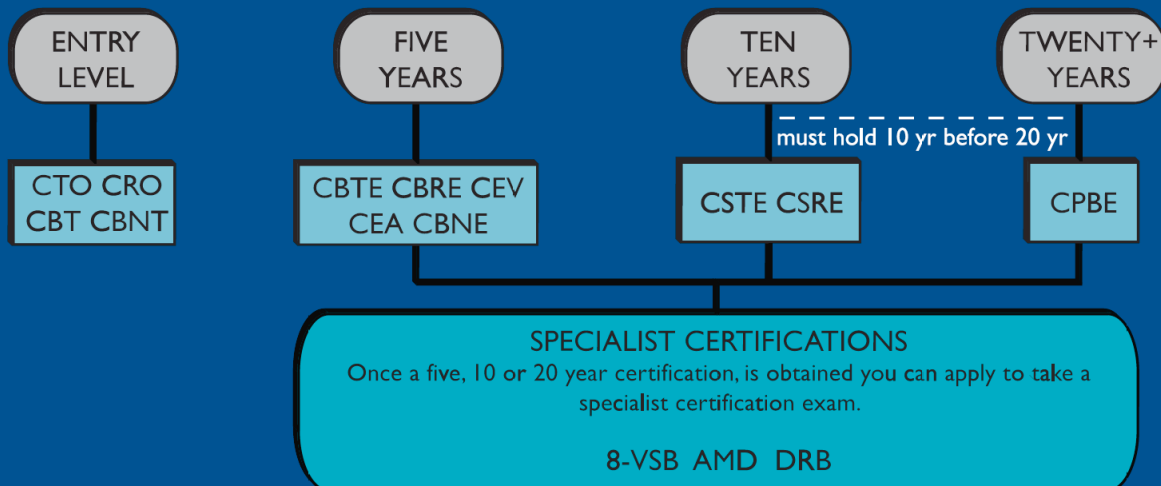
When you are ready to take an SBE exam, please fill out the appropriate application and send it into the SBE National office (see address below). You will be notified once your application has been approved. Approximately 3 weeks before the exam time, your local certification chairman will receive a list of applicants in his/her area. He/she will then contact those applicants to schedule a date, time and place for the exams. The exams will be mailed back to the National office for grading. The pass/fail grades will then be mailed directly to the applicants.

You may mail, email or fax your applications to:
Megan E. Clappe, Certification Director
9102 N. Meridian St. Suite 150
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Welcoming All Mentors and Mentees!

YEARS OF EXPERIENCE

SBE certifications are based on years of experience in the broadcast engineering field. Broadcast engineers can apply for a certification once they meet the year requirements. An associate degree counts as two years of experience and a bachelor's degree counts as four years of experience. No experience is required for entry level.



Life certification is available to those who are retired or may also be granted to professional broadcast engineers and senior broadcast engineers who have maintained certification continuously for 20 years and are current members of the SBE upon application.


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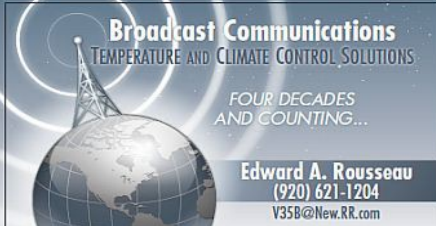
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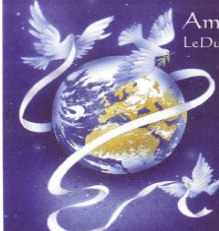
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