

SBE Technical Presenters Group presents IP Networking for Broadcast Engineers

Instructional Method: Live Workshop

Date: March 30, 2012 · 9:00 AM - 5:00 PM ET

Location: Miramar, Florida, *hosted by* [SBE Chapter 53 - South Florida](#)

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Overview

IP Networking for Broadcast Engineers is an intensive instructor-led class focused on major IP networking topics. The goal is to equip the broadcast engineer with the knowledge and understanding of IP networking fundamentals. The morning will focus on the principals of IP networking including the OSI and TCP models, physical layer technologies, IP addressing, IP subnetting, and applying best practices in the design of an IP address plan.

The afternoon will focus on applying the morning fundamentals to the understanding of routing protocols, switching fundamentals, VLAN implementation, and security best practices in network design.

The lecture will be supplemented with network design examples presented by virtual demonstration and class exercises designed to apply learned concepts in a practical manner. Students will receive a complete set of class notes, class exercises, and reference materials.

This class should not be considered a certification preparation class. However the material presented should provide an excellent background in IP networking technology for those pursuing the SBE Certified Broadcast Networking Technologist (CBNT) or the Certified Broadcast Network Engineer (CBNE) certifications.

Goals and Deliverables

- Awareness of Major IP Networking Topics (broadcast focused)
- Basic Understanding of Topic Fundamentals, Principals, and Best Practices
- Where and How to Obtain Further Knowledge

About Your Instructor - Wayne Pecena, CPBE, 8-VSB, AMD, DRB, CBNT

Wayne Pecena is the Assistant Director of Educational Broadcast Services in the Office of Information Technology at Texas A&M University. In this position, he serves as the Director of Engineering of TTVN: The Enterprise Videoconference and Data Network serving the Texas A&M University System and Public Broadcast stations KAMU-TV and KAMU-FM serving the Brazos Valley area. He is responsible for leading technology implementation for the enterprise network of the Texas A&M University System, supporting over 150 IP data locations and over 350 videoconference sites within Texas and internationally. In addition, Wayne is responsible for broadcast technology implementation at KAMU. He has over 35 years of broadcast telecommunications experience, holds BS and MS degrees from Texas A&M University, is certified by SBE as Certified Professional Broadcast Engineer with AMD, DRB, and 8VSB endorsements and a Certified Broadcast Network Technologist. He is a licensed Private Pilot and holds Amateur Radio Operator License N1WP.



SBE Recertification Credit

The completion of this workshop qualifies for 1 credit, identified under Category G of the Recertification Schedule for SBE Certifications.

Location

Clear Channel Communications
7601 Riviera Boulevard
Miramar, FL 33023

Registration

Registration includes breakfast and lunch. Seating is limited – register now.

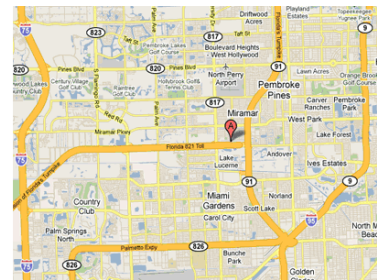
SBE Members: \$50

Non-Members: \$75

Registration Link - [SBE53 IP Networking Seminar Registration](#) or www.sbe53.com

Questions?

You can find out more information about this workshop and other SBE Chapter 53 events at [SBE Chapter 53 - South Florida](#) - www.sbe53.com or email us at sbe53@sbe53.com. You can also contact Kimberly Kissel at kkissel@sbe.org or by phone at (317) 846-9000.



[Map](#)