

## August 2012 - EXTRA - Volume 4, Issue 8



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### Appreciating the Value of Certification

In the ever growing and competitive wireless market, you need a way to distinguish yourself as a professional that is a knowledgeable leader in wireless engineering technologies. With IEEE WCET® certification, you are able to clearly demonstrate this knowledge to employers which can be a valuable asset to you as new opportunities arise in the wireless industry.

#### Advantages of the IEEE WCET Certification Program:

- Globally recognized and vendor-neutral credential
- Prepares industry, military and government entities for tomorrow's successes, and contributes towards your sustained success
- Confirms your knowledge and on-the-job experience that is necessary to be successful in the industry

[Learn more about certification.](#)

### Deadline Reminder:

#### Commit to Taking the IEEE WCET Certification Exam

Applications for the September/October 2012 testing window for IEEE WCET certification are

being accepted now through 7 September 2012. This will be the final testing window for 2012, so do not miss this opportunity to become certified in 2012. Once you have completed the exam application, you can then decide the day that you would like to take the exam between the dates of 23 September and 27 October 2012. [Act now](#) to become an IEEE Wireless Communications Professional (WCP) this year.

Curious if certification is right for you? [Learn more about it online](#) where you can also [review application details](#) and [understand exam specifications](#) to get a comprehensive view of exactly what is covered on the exam. You'll get a full appreciation of the breadth and depth of what [IEEE WCPs](#) know and why they stand head and shoulders above the competition.

[Learn more about the certification exam application.](#)

### **ComSoc Training Schedule for September**

#### **[Wireless Communications Engineering - Current Practice?](#)**

6 September 2012 - 9:00am - 4:30pm EDT - ONLINE

?Instructor: [Jonathan Levine](#)

Registration open through 31 August - 5:00pm EDT. [Register Today.](#)

Course Agenda:

1. Introduction to Wireless Systems & Key Practical Concepts?
2. Radio propagation, Engineering & Antennas?
3. Access Technology Evolution – From 3G to Beyond 3G?
4. Understanding LTE – Technology & Standards, Key Attributes & Features?
5. Wireless Networks & Evolution of Packet/IP Core?
6. Macro, Micro, Pico-cells – 3GPP & IEEE Wireless Standards?
7. Services Technologies Evolution & Standardization
- ?8. Network Management & Self-organizing Networks
- ?9. Wrap-Up: From Key Concepts, Trends & Technologies To E2E Practical Engineering

Review the [learning objectives](#) and the [course description](#).

#### **[5-Day Wireless Communications Engineering Intermediate Fundamentals Review & Current Practices?](#)**

17 September – 21 September 2012 - 9:00am - 4:30pm EDT - ONLINE?

This course runs only 4 hours each day.?9:00am-11:00am EST (2 hour break) resume at 1:00pm - 3:00pm EDT (20 hours of lecture in total)?

Instructors: [Lee Vishloff](#) and [Daniel Wong](#). ?

Registration open through 11 September - noon EST. This course is also available as a part of a discounted combination package that includes a seat for this 5-day virtual course, a free online practice exam, and a seat for the Fall 2012 WCET Certification Exam. This combination package option is listed as the [September 2012 Virtual 5 Day Training PLUS WCET Exam Seat. Learn more about it.](#)

Course Description: This course provides a comprehensive overview of seven key areas every

professional working in the wireless field should be proficient in which include: RF Engineering, Propagation and Antennas; Wireless Access Technologies; Network and Service Architecture; Wireless Network Management and Security; Infrastructure; Agreements, Standards, Policies, Regulations; and General Fundamental Knowledge.? Read the complete [course description](#) and review the [course agenda](#). Register now for [the 5-day virtual course](#) or for [the discounted 5-day virtual course and WCET Exam seat combination package](#).

### **[Introduction to Professional Wireless Communications Engineering](#)**

25 September 2012 - 9:00am - 4:30pm EDT - ONLINE?

Instructor: [Lee Vishloff](#)

Registration open through 17 September.

9:00am - 5:00pm EDT. [Register Today](#).

#### **Course Description:**

This training course is for professionals who need to stay competitive in today's job market with up-to-date knowledge of technologies, products and services in the Mobile Telecommunications Industry. Topics include radio/spectrum/mobility terms and definitions; wireless broadband, cellular, WLAN, grids and short-range networks; devices such as smartphones, sensors; and multimedia, applications, and services.

Review the [learning objectives](#) and the full [course description](#).

### **[Discount Available on Pre-Orders of New WEBOK 2nd Edition](#)**

Scheduled to be released in October 2012, you can now pre-order your copy of the new book, ["A Guide to the Wireless Engineering Body of Knowledge" \(WEBOK\) 2nd Edition](#) through the Wiley website. This book is an indispensable resource for anyone working or interested in wireless today. Use code WEBOK now through the end of September to save 32% off the cover price. This is a special pre-publication offer through Wiley only.

ISBN: 978-1-1183-4357-9?Paper, 308pp, 2012?LIST PRICE:?US\$74.95

["A Guide to the Wireless Engineering Body of Knowledge" \(WEBOK\) 1st Edition](#) is also still available and can be purchased through Wiley. [Order your copy today](#). IEEE members save 15%. Use promo code 18493.

ISBN: 978-0-470-4336-9, Paper, 272pp, 2009, LIST PRICE: US\$69.95

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