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New Course Added to ComSoc Training Calendar

A new course on [Self Organizing Networks](#) is now on the ComSoc Training schedule. The course is open for registration and will be offered on 16 November 2012 from 9:00am - 4:30pm EDT online. Developed by Javan Erfanian, he will also teach the course. This course provides an understanding of:

- An end- to- end view of the technology evolution with LTE, LTE-Advanced, and a Multi-Technology Heterogeneous, and increasingly virtualized and cloud-like environment
- Self Organizing Networks
- Different technologies for Self-Configuration, Self-Optimization and Self-Healing such as automatic neighbor relations (ANR), load balancing, capacity/coverage and LTE parameter optimization, minimization of drive test, energy efficiency and others.

[Learn more.](#)[Register today.](#)

**ComSoc Training Registration Reminder:
October, November and December Schedule**

LTE for the Wireless Engineering Practitioner: Fundamentals & Applications

Wed, October 24, 2012 - 9:00am - 4:30pm EDT

Instructor: Daniel Wong

Topics addressed include: Evolution of wireless core networks; Access networks and wireless services; LTE technology, standards, and features; Phased evolution; Service architecture, network management, security; How LTE may develop over the next 3-5 years; Implications of moving toward all IP based networks & services. [View more information](#) about this course or [Register Now](#).

Wireless Communications Engineering - Current Practice

Tue, November 13, 2012 - 9:00am - 4:30pm EST

Instructor: Jonathan Levine

Take this one day, online course to learn about: Antennas, Radio Propagation and Engineering; Access Technologies and Standards; Wireless Networks; Network Management and Security; Spectrum and Network Engineering Practices. [View more information](#) about this course or [Register Now](#).

Intensive Wireless Communications Engineering: Current Practice

Format: Available as an Online Course or In-person at GLOBECOM, Anaheim, CA

Sun, December 2, 2012 - 9:00am - 5:00pm PST; Mon, December 3, 2012 - 9:00am - 5:00pm PST; Tue, December 4, 2012 - 10:00am - 5:00pm PST

Instructor: Lee Vishloff

Take this course to: deepen your understanding of current practices in wireless communications; review your fundamental knowledge; and bridge the gap in your current knowledge of areas you are not working in on a day to day basis. This course covers: RF Engineering, Propagation and Antennas; Wireless Access Technologies; Network and Service Architectures; Wireless Network Management and Security; Infrastructure and Wireless Communication; Agreements, Standards, Policies and Regulations; as well as your basic fundamental knowledge. This course addresses areas every professional working in wireless should be proficient in.

[View more information](#) or [Register Now for the online course](#).

[View more information](#) or [Register Now for the in-person course at GLOBECOM](#) (note that you need to register for this course directly through GLOBECOM).

Introduction to Professional Wireless Communications

Tue, December 11, 2012 - 9:00am - 4:30pm EST

Instructor: Lee Vishloff

This 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. [View more information](#) about this course or [Register Now](#).

WCET Exam Reminder: Take the Test

If you completed an application to take the IEEE WCET Certification Exam during the current testing window you need to be sure to schedule your exam if you have not already done so and keep your scheduled appointment to take the test. Review the [refunds and cancellation policy](#) for specifics if you are unable to take the exam on your scheduled day. 27 October 2012 is the last day you are able to take the WCET exam during this testing window. Best of Luck!

WEBOK 2nd edition Now Available

The wait is finally over. Those of you who ordered a copy through our pre-publication special offer will be getting your copy of [“A Guide to the Wireless Engineering Body of Knowledge” \(WEBOK\) 2nd Edition](#) soon if you have not already. This book is an indispensable resource for anyone working or interested in wireless today. 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

Industry News

LTE Skills in Demand

Employees with technical skills in LTE technology are in demand, according to recruiters at AT&T, Alcatel-Lucent, TESSCO and others. The companies report needing engineers and technicians as well as people with software design skills. [\[RCR Wireless\]](#)

Android Shipments Expected to Hit 1 Billion in 2013

The [500 millionth Android device](#) was activated on September 11, 2012, but it appears that's just the beginning. IHS iSuppli predicts that Android smartphone shipments will cross the one billion device milestone in 2013 and reach more than three billion by the end of 2016. The firm estimates that Apple iOS devices won't reach one billion shipments until 2015. [\[Mobility TechZone\]](#)

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Webinar: What Operators Can Learn from the Olympics

The 2012 Summer Olympic Games were delivered in a variety of streaming formats. On October 3, Fierce Wireless will present a webinar on how wireless operators can use lessons from the Olympics to optimize their streaming of live sports events. Presenters will include representatives from Elemental Technologies, deltatre and Canada's Olympic Broadcast Media Consortium. [[Fierce Wireless](#)]

Sony Mobile Moves to Japan, Cuts 1,000 Jobs

As part of its rebranding and restructuring, Sony Mobile (formerly Sony Ericsson) will move its corporate headquarters from Sweden to Japan. This follows Sony's acquisition of Ericsson's share in the company. Sony Mobile will also cut about 1,000 jobs. [[eWeek](#)]

Nokia Siemens Cuts 400 Jobs in Finland

As part of its global move to cut 17,000 jobs, Nokia Siemens Networks said it will cut 400 jobs in Finland, its home country, where it currently employs about 6,200 people. [[R&D](#)]

Webinar: Latin American Wireless Infrastructure

What is the current wireless infrastructure like in Latin America and what will be the opportunities and challenges as the market expands? These questions will be covered in an upcoming webinar from RCR Wireless. The free event will be held on October 1. [[RCR Wireless](#)]

General Dynamics Acquires Mobile Security Startup, Open Kernel Labs

Aerospace company General Dynamics has acquired virtualization software provider Open Kernel Labs for an undisclosed sum. Open Kernel, a spin-off of National ICT Australia, produces "mission critical" security software that is already in use by 1.6 billion mobile devices around the world. [[ZDNet](#)]

FDA Approves Mobile Cardiac Health Monitor

The U.S. Food and Drug Administration has cleared the use of the BodyGuardian Remote Monitoring System from Preventice. The device, developed in conjunction with the Mayo Clinic, uses a peel-and-stick wireless sensor to track a patient's heart rate, ECG, respiration and other medical information. [[Mobile Health News](#)]

SumUp Ups Employee Numbers

Mobile payment startup SumUp will add 40 new technical support jobs in Dublin. The company reports its m-commerce service is doing well in Ireland. [[Silicon Republic](#)]

How to Hire Mobile App Developers

"Mobile developers with iOS, Android and HTML5 are as easy to find as unicorns," writes Stafflink founder Tim Collins. His recent article on how to recruit mobile app developers offers some valuable perspective on how developers can market themselves and what skills are required in today's rapidly evolving market. [[Stafflink](#)]

Cablevision Hires New Wireless VP

Andrew Ip, formerly with Meridian Advisory Group and Sprint Nextel, has joined Cablevision Systems as VP of wireless technology and operations. His responsibilities will include developing, designing and maintaining the company's Optimum Wi-Fi network, which is used more than 1 million times a day. [[Multichannel News](#)]

On-Demand Webinar Address LTE and Public Safety

LTE networks could help take aging if not antiquated public safety networks to the next level and in the process improve emergency response times in connected cities. RCR Wireless recently held a webinar on this topic, which is archived and available on demand. [[RCR Wireless](#)]

Video Provides Tips on Simplifying Wireless Device Certification

EE Times has posted a free video from the Anaren Integrated Radio module team offering tips on how to negotiate the challenges and issues of certifying new wireless devices in the U.S., Canada and Europe. [[EE Times](#)]

Computer Taught to Read Emotions

Read my lips: I'm happy, or angry, or sad. A new computer system could help computers interact with people by reading the emotional expressions in their lips. The research, out of Manipal International University in Malaysia, was published in the International Journal of Artificial

Intelligence and Soft Computing. [[Cellular-News](#)]

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