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2 More New Courses Added Registration is Open for November and December

Expanding the breadth of training options, ComSoc Training is proud to offer two new options now and into 2013. Two new courses (one on [Self Organizing Networks](#) and another on [Machine-to-Machine](#)) have been added to the schedule and more new courses will be added to the calendar in 2013. The 2013 schedule will be released in early December.

[Self Organizing Networks: The Next Must Within LTE / Multi-Technology Roadmap](#)
27 November 2012 - 9:00am - 4:30pm EDT - online

This **new** 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.](#)

[Overview of Machine-to-Machine \(M2M\) for Engineers & Managers](#)

29 November 2012 - 9:00am - 4:30pm EDT - online

This **new** one-day course provides engineers and managers with the insights and perspectives required to take their cellular-based Machine-to-Machine (M2M) solutions from promising concept to marketplace success by successfully navigating the maze from analysis, design, approvals and support, all the way through to marketing options and launch. Learn how to describe the M2M Business Case and how to select an appropriate Business Model. Will will also learn how to explain how to prepare for deployment of an M2M Solution and determine if one is ready to serve customers. Additionally, understand regulatory, industry and carrier certification processes for wireless devices and what certification may be required depending on the solution and country.

Review the [specific topics](#) covered and the [learning objectives](#).

Intensive Wireless Communications Engineering: Current Practices (Three Day Course / [In-Person& Online](#))

2-4 December 2012 - at GLOBECOM in Anaheim, CA (and webcast)

This 3 day wireless bootcamp explores areas in which every professional working in wireless should be proficient. Deepen your current understanding of 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.

[Learn more about the in-person event.](#)

[Learn more about thewebcast version.](#)

[Introduction to Professional Wireless Communications](#)

11 December 2012 - 9:00am - 4:30pm EDT - online

This basic and general introduction to wireless communications covers 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. Presented in layman's terms this course is ideal 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.

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

Visit us at [GLOBECOM](#)

In just a few short weeks IEEE GLOBECOM will be in session (3-7 December 2012) at the Disneyland Hotel in Anaheim, CA, USA. You can visit us at the South Exhibit Hall on 4-6 December. [Review the advance program. See who's giving keynotes.](#) Learn more about the [3 day course being offered both in-person in Anaheim and Webcast.](#)

WCET Exam Results: Coming Soon

If you took the IEEE WCET Certification Exam during the current testing window you are surely waiting with much anticipation for the results. Rest assured, they are coming soon. Hurricane Sandy caused a slight delay but before month end you will be notified via email the results of your examination. You can also log on to your account to check to see if your results are available. Individual score reports will be sent accordingly. Thank you for your patience.

Industry News

Mobile Hiring Boom Reveals Upcoming Skills Gap

More than half of the companies in the United States and the United Kingdom have created new jobs with "mobile specific roles" -- including titles such as mobile strategist and chief mobile officer -- but there still aren't enough skilled employees to fill the need, according to a new report from Antenna Software. Mobile management, development and MDM skills are in particularly high demand. [[Enterprise Apps Tech](#)]

App Economy Has Created Half a Million Jobs

More than 500,000 jobs have been created by the so-called "app economy" since the launch of the iPhone in 2007, according to a report from CTIA – The Wireless Association and the Application Developers Alliance. California had the highest number of app-related jobs (152,000), but Washington had the highest percentage of total workers employed in the field (4.47%). The report includes a wide variety of people in its half-million count, which covers everything from app developers to salespeople, customer service, and office staff. [[IT Business Edge](#)]

Mobile and the Cloud: Webinar Coming November 27

RCR Wireless will host a webinar covering trends for the mobile cloud in November 27. Presenters from Ovum and Oracle will participate in the event, which is geared toward CIOs and other IT and telecom professionals. [[RCR Wireless](#)]

FierceWireless Names the 25 Most Power People in Wireless

Who are the most powerful people in the U.S. wireless industry? Apple's Tim Cook took the top slot in the annual rankings from FierceWireless, which also includes Verizon's Lowell McAdam, T-

Mobile's Neville Ray and Square's Jack Dorsey, among many others. [[FierceWireless](#)]

Developer Salaries, Jobs Expected to Jump in 2013

Salaries for mobile app developers are expected to increase 9% in 2013, the highest jump for all IT professionals, according to a new survey by Robert Half Technology. Another survey by Information Technology Crossing found that jobs were especially hot for mobile developers and wireless network engineers. [[PR](#)]

RF Micro Hiring in Greensboro

Up to 50 employees will be hired by RF Micro Devices in Greensboro, N.C., the company recently announced. Open positions will include jobs for fab operators and process engineers. [[Business Journal](#)]

Verizon Hires Mobile Health Exec

Humana veteran Julie King has moved over to Verizon Wireless as their new director of product management for mobile health, a position responsible for their mHealth services. Mobile Health News says this hire is indicative of the growing importance of mHealth. [[Mobile Health News](#)]

AT&T Investing \$14 billion in Broadband

At a recent investor conference, AT&T revealed it plans to invest \$14 billion in its broadband program over the next three years, \$6 billion of which will go toward wireless. The company also increased its LTE rollout projection from 250 to 300 million people by the end of 2014. [[RCR Wireless](#)]

Ericsson Cutting 1,550 Jobs in Sweden

Sweden's Ericsson announced it will cut 1,550 jobs from all areas of its business, representing more than 8% of the company's workforce in its home country. The company recently announced a drop in quarterly profits and sales. [[FierceWireless](#)]

Webinar to Address Mobile Virtualization

EE Times will host a webinar covering mobile virtualization on November 27. Experts from IDC, ARM and Red Bend Software will discuss how virtualization is accelerating innovation across the "Internet of things." [[EE Times](#)]

China's ZTE Becomes Fourth-Largest Smartphone Vendor

Production of low-end smartphones has allowed China's ZTE to zoom past Nokia to become the world's fourth-largest supplier of the devices. The company's market share grew to 4.2% in the third quarter of this year. The higher sales volume, however, did not yield any profits: the company had a net loss last quarter. [[Wall Street Journal](#)]

Android Malware Threat Grows Tenfold

Security firm F-Secure says it detected 50,000 malicious Android programs in the third quarter, ten times as many as it saw in the previous quarter. The majority of the malware was seen in China and Russia. The threat level was considered to be low in the European and North American markets. [[eWeek](#)]

TI Announces Single-Stage Wireless Charging Chip

Texas Instruments this month showed off a new wireless charging integrated chip -- already shipping in several products -- which the company said is 60% smaller than similar chips that are already on the market. It also announced its first Qi-qualified wireless power transfer controller. [[Computerworld](#)]

Ericsson Claims TD-LTE Speed Record

Ericsson says it has reached a new TD-LTE speed record of 223 Mbps. The demo used the same equipment as employed in China Mobile's network, although no commercial devices will be able to use the new technology until 2014. [[The Register](#)]