



DoceoTech Industry Training

EDX has teamed with DoceoTech to provide world-class, industry-specific training to our customers.

DoceoTech's WiMAX Forum® RF Network Engineer™ Certification Boot Camp & the Wi-Fi Mesh RF Design Boot Camp prepare technical students to design WiMAX & wireless mesh networks, balancing the requirements of service quality (including throughput and performance) with minimum capital and operations cost. DoceoTech exclusively uses EDX planning tools for the “hands-on” RF design exercises in these courses, giving you the ability to expand your working knowledge of network design using your EDX software.



DoceoTech offers classes in these and other international locations for 2008.

Atlanta, GA	Chicago, IL
San Jose, CA	Dubai, UAE
Leeds, UK	Dallas, TX
Washington, D.C.	Rio de Janeiro, Brazil
Singapore	Amsterdam, NL
London, UK	Athens, Greece
Sao Paulo, Brazil	Shanghai
Raleigh, NC	Berlin, Germany
Milan, Italy	Stockholm, Sweden
Madrid, Spain	Montvale, NJ

See: www.doceotech.com/pubschedule.asp for dates. These courses can be purchased through EDX or directly from DoceoTech, at your preference.

WiMAX

WiMAX Forum RF Network Engineer™ Certification Boot Camp

WiMAX Professional Certification proves that you have the skills to design, install, or operate basic WiMAX networks. Move your career ahead by distinguishing yourself as a WiMAX Forum certified professional.

The emphasis in this four-day course is on the design of the RF access network, including base station engineering and siting, and propagation analysis to serve fixed and mobile subscriber stations.

- Module 1: WiMax Network Design Options
- Module 2: Review of RF Fundamentals
- Module 3: Antennas for WiMAX
- Module 4: RF Design Considerations for WiMAX
- Module 5: Performing a WiMAX Link Budget
- Module 6: WiMAX Path Loss Modeling
- Module 7: Frequency Reuse in Fixed and Mobile WiMAX Networks
- Module 8: WiMAX Performance and Coverage Considerations
- Module 9: WiMAX Coverage and Performance Planning with modeling tools
- Module 10: Capacity Design, and Oversubscription



Wi-Fi Mesh

Wi-Fi Mesh RF Design Boot Camp™

Completion of the Wi-Fi Mesh Expert program proves that you have the skills to design, install, or operate mesh networks. Reduce the time to deploy your mesh network, and move your career ahead, by learning from DoceoTech's experts.

This course is a three-day Boot Camp event, which covers all of the necessary skills to prepare a technical student to design a wireless mesh network. It is targeted at engineers who are planning a municipal, public safety, or campus mesh deployment and is organized into the following six lessons:

- Principles of Wireless Mesh Networks
- Basic RF for Wi-Fi Mesh Design
- Wi-Fi Mesh Network Design
- RF Design Cost Considerations
- Propagation Modeling of Mesh Networks
- Wi-Fi Mesh Design Case Study

The boot camp is structured as 50% tutorial content and 50% hands-on exercises, illustrated with case studies. In addition, six spreadsheet tools are provided to enhance the hands-on experience. Cisco Mesh VARs are required to complete this course as part of an Advanced Technology Program. The course will be launched as Cisco Authorized Training in mid-2008, and will be available through Cisco training partners such as Fast Lane.

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