ITF200 IEEE-WCET Certification
Institute of Electrical and Electronics Engineers –
Wireless Communication Engineering Technologies

What is IEEE-WCET, and why should I take this class?
Excellent questions! This credential addresses the worldwide wireless industry’s growing and evolving need for qualified communication professionals who can demonstrate practical problem-solving skills in real-world situations. Take this class if you want to be recognized as having the required knowledge, skill, and ability to meet challenges in various wireless industry, business, corporate, and organizational settings.

What will I learn?
• How operating frequency may have an impact on coverage, capacity, and performance.
• Given power/loss parameters in dB, dBm, W or mW when considering the Friis transmission formula calculation
• Identification of the tradeoffs between TDD and FDD
• Link adaptation in wireless broadband systems such as HSPA, cdma2000, and OFDM access technologies
• How performance is improved at the cell edge in LTE systems
• Link budget preparation
• Carrier Aggregation and understand its significance
• Identification of wireless security threats and countermeasures

What are the prerequisites?
Candidates should have “professional wireless experience”, meaning that at least 51% of the candidate’s daily activities are in the field of wireless communication engineering and those activities are at the professional level. Applicants with a combination of bachelor’s degree or comparable education plus three or more years of professional experience – or other similar level of preparation – have been successful on the examination with less professional experience.

What are the class format options?
There are two format options for this class: Online recorded sessions of current live classes for four weeks, and/or publicly-scheduled live remote classes held from 9AM-3PM ET for four days.

How long will it take to finish?
About six weeks, which includes taking the certification exam.

Who should take this class?
This class is particularly suited for anyone working in a relatively narrow or specialized aspect of wireless communications who have an engineering or technology background and an appreciation of wireless communications engineering and practice.

Will my tuition assistance benefits cover the cost?
Yes, if you have enough funds in your tuition assistance account, there are no out-of-pocket expenses. Wow! You can get an internationally-recognized certification with no out-of-pocket costs.

How much does it cost?
The tuition is $1,545, and LearningLINK covers the cost including the class materials and certification exam.

When does the class start?
The IEEE-WCET certification class and exam is only held twice per year - once in the spring and once in the fall. Please call us for scheduling information.

How do I register?
1. Visit www.itcap.com/VZW-ITcerts/Register to register online, or
2. For more information, email us at info@itcap.com, or
3. You can call our helpful staff ☑ at 877-877-0122.

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