

# Wireless Communications with Intro to 5G

*Give your career a boost with an ETA®  
Wireless Networking Technician  
Certification*

## Course Overview

This course provides students with an introduction to the world of wireless communication technology that is impacting every sector of our interconnected world today. The fundamental knowledge of RF technology used in wireless communications and how intelligent information is communicated for specific applications along with system design components and their requirements is presented. Antenna theory, transmission lines, RF propagation, and modulation schemes are discussed. More importantly, the course explores the world of mobile wireless with a focus on 4G/LTE and 5G. At the end of this course, you will be ready to sit for the ETA® Wireless Networking Technician (WNT) Certification

## Course Topics

- Electromagnetic spectrum and RF technology used to facilitate wireless communications
- Basic components of an RF system including propagation behaviors and system performance factors.
- Technologies and components used in Wireless Personal Area Networks, Local Area Networks and Wide Area Networks.

## Course Details



### Live Online

This course is taught with UMass Global's LIVE ONLINE training platform using video communications software.



### Course Schedule

Weekdays: **Tuesday – Thursday**  
Dates: **February 11<sup>th</sup> – March 6<sup>th</sup>**



### Time

**7:30 PM – 10:30 PM (PST)**

## REGISTRATION INQUIRY FORM

Fill out this short form or scan the QR code and we will be in touch with you shortly.  
For more information, please call **LISA OBIEDO @ (925) 440-5299**



Full Name :

Email :

Mobile Number :

Work Location :

Company Name :

Job Title :