Wireless Certification **Wireless Communication Systems**

- Become certified as: Wireless Communication Systems Entry Level Technician (WCSE)
- Learn the fundamentals of Wireless Communication Systems
- Prepares students for taking Wireless assessment tests
- Master the following learning objectives:
 - History of Cellular
 - Design and Operation
 - Radio Frequency (RF)
 - Cellular Market Structure
 - Radio Spectrum •
 - Bits to Bytes, download speeds •
 - Mobile Network Components
 - Cellular Principles and AMPS (1G)
 - Digital Radio (2G)
 - 3G (CDMA) & 4G LTE
 - Antennas & Transmission Lines*
 - Signal Processing* / Signal Sources*
 - Satellite Communications*
 - **Towers/Stealth Towers**

- **Backhaul Technology**
 - Cloud/Mesh Technology
 - **Network Operations Center**
 - **Global Network Operations Center**
- Business Side of Wireless/Wireless Market Place •
- Voice over the Internet (VoIP) •
- Microwave Techniques* •
- Cell Base Stations: Macrocells, Microcells, Picocells and Femtocells
- Wireless Networks
- Bluetooth
- Spectrum Sharing/Multiplexing Technologies: FDMA, TDMA,CDMA, CDMA/2000 1x GSM & OFDM(4G) *
- Public Switching Telephone Network (PSTN) • Mobile Telephone Switching Office(MTSO)

The Course

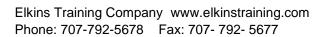
- Presented in a step-by-step, easy to follow format
- 25 hour, business day or after-hours class •
- Includes academic and PRACTICAL TRAINING
- Tuition \$1195 (\$1099-GSA) includes instruction, fees, & books
- Meets six (6) applicable Skill Codes, noted with * above

Elkins Training Company

60+ years of experience in technical training, testing and licensing



Training Provider Name: Address: P.O. Box 2677, Santa Rosa, CA 95405 Contact Person at School: David Byrd



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ATT Horizons

