

# TKTII

## Technical Knowledge Test II



### Learn the fundamental principals of Electricity and Electronics Technology while preparing for the TKT II exam!

This course provides a basic understanding of electrical and electronic fundamentals, and digital technologies as they apply to the telecommunications industry. Electrical topics include Ohm's Law, power formulas, Kirchhoff's Laws, and the rules governing series and parallel circuits. The operation of capacitors and inductors is explained as well as how they behave in AC circuits including the formulas used to calculate reactance and impedance. Transformers, batteries, rectifiers, and grounding are covered. Digital and Analog testing instruments are presented along with best testing and troubleshooting practices, as well as safety considerations. Basic hardware and software computer functions are discussed along with the binary system. Digital communications principles are covered including transmission concepts, Digital/Analog conversion, framing, line coding, bit rates and multiplexing.

#### WAYS TO LEARN

Live Online

#### COURSE SCHEDULE

Weeknights (Tue. Wed. & Thur.)

Dates: Jan. 24th- Feb. 16th

#### TIME

7:30PM- 10:30PM (PST)



#### HOW TO REGISTER

Please scan the QR code or fill out the registration inquiry form and text to: (949) 281-9688

This course is taught with UMass Global's LIVE ONLINE training format using a video communications software. Students receive the same high-quality training as found in a traditional classroom setting. Join us from anywhere with an Internet connection.

### REGISTRATION INQUIRY FORM

Fill out this short form and we will be in touch with you shortly. For more Information, please call **LISA OBIEDO** at (925) 440-5299

FIRST NAME	LAST NAME	
WORK LOCATION	COMPANY NAME	JOB TITLE
MOBILE NUMBER	PERSONAL EMAIL	