



EMPLOYMENT OPPORTUNITY

PERSONNEL DEPARTMENT
1115 TRUXTUN AVENUE FIRST FLOOR
BAKERSFIELD, CA 93301
TELEPHONE: (661) 868-3480
24 HOUR HOTLINE: (661) 868-3481
WEB PAGE: www.co.kern.ca.us/person

C O U N T Y o f K E R N

COMMUNICATIONS TECHNICIAN I/II/III EXAM NO. 5213

FILING DATE: Applications will be received until cancellation of this notice. **CANCELLATION CAN OCCUR AT ANYTIME WITHOUT NOTICE.** Names will be placed on one eligible list in order of final grades. **Individuals who attain placement on the eligible list may not re-apply until their name has expired from the list.**

APPLICANTS MAY APPLY ON-LINE AT THE WEBSITE. See www.co.kern.ca.us/person **IF APPLYING ON-LINE, ALL APPLICABLE CERTIFICATE(S) MUST BE FAXED TO (661)868-3928 OR CAN BE DROPPED OFF AT KERN COUNTY PERSONNEL LOCATED AT 1115 TRUXTUN AVE., 1st FLOOR, BAKERSFIELD, CA 93301**

SALARY: LEVEL I - \$3498 to \$4270; LEVEL II - \$4062 to \$4959; LEVEL III - \$4718 to \$5759 Approximate Monthly Equivalent; Paid Biweekly.

QUALIFICATIONS: LEVEL I - One (1) year experience in the installation and maintenance of electronic and mobile communications equipment **OR** Possession of a certificate in electronic technology, or equivalent, from an accredited two (2) year college.

Possession of a valid California Class C Drivers License required at the time of appointment.

LEVEL II - Two (2) years experience in the installation and maintenance of electronic and mobile communications equipment **OR** Possession of a certificate in electronic technology, or equivalent, from an accredited two (2) year college and one (1) year of experience in the installation and maintenance of electronic and mobile communications equipment **OR** One (1) year performing duties similar to those of a Communications Technician I in Kern County.

Possession of a valid California Class C Drivers License required at the time of appointment.

LEVEL III - Possess a certificate in electronic technology from an accredited two (2) year college **AND** one (1) year of experience in the installation and maintenance of electronic and mobile communications equipment **OR** three (3) years of experience in the communications industry **AND** possess one of the following licenses/certifications:

- a general class Federal Communications Commission (F.C.C.) License
- Associated Public Safety Communications (APCO) certificate
- Electronics Technical Association (E.T.A.) certificate
- An industry equivalent license/certification

AN EQUAL OPPORTUNITY EMPLOYER
WOMEN, MINORITIES, AND INDIVIDUALS WITH DISABILITIES ARE ENCOURAGED TO APPLY

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Ability to: Use various power tools and equipment to construct, install and maintain communications equipment; work at considerable heights and in adverse weather conditions.

All Kern County employees are designated “Disaster Service Workers” through state and local laws (CA Government Code Sec. 3100-3109 and Ordinance Code Title 2-Administration, Ch. 2.66 Emergency Services.) As Disaster Service Workers, all County employees are expected to remain at work, or to report for work as soon as practicable following a significant emergency or disaster.

FOLLOWING AN OFFER OF EMPLOYMENT, YOU MAY BE REQUIRED TO SUBMIT TO POST OFFER MEDICAL AND DRUG SCREENING TESTS AT COUNTY EXPENSE.

ADMITTANCE TO EACH PHASE OF THE EXAMINATION WILL REQUIRE A GOVERNMENT ISSUED PHOTOGRAPH IDENTIFICATION. APPLICANTS WHO ARE UNABLE TO PRESENT PROPER IDENTIFICATION MUST MAKE ARRANGEMENTS WITH THE PERSONNEL DEPARTMENT PRIOR TO THE TEST DATE.

This examination will establish an eligible list from which immediate appointments will be made at the Communications Division of General Services. Other permanent and temporary appointments will be made as needed. Successful candidates will remain on the eligible list for a period of twelve-months, unless specified otherwise by the Civil Service Commission.

ESSENTIAL FUNCTIONS: LEVEL I:

- Installs, removes and makes minor repairs to radios and related equipment in vehicles; installs, tests, and makes minor repairs to hand-held, mobile, VHF/UHF transmitters and receivers; installs mountain top repeater equipment and portable repeaters.
- Designs and fabricates mounts for equipment installed in vehicles and on communication towers; operates power hand tools and other equipment including saw, drill, grinder, drill press, arc welder and torch.
- Installs, and makes minor repairs to various communication systems including alarm systems, recording devices, audio and video systems, sirens, closed circuit TV and public address systems.
- Maintains and repairs emergency power equipment: battery chargers, auxiliary generators and light plants.
- Learns to climb towers, poles and other structures to install, reconfigure and repair radio or microwave antenna and cable equipment.
- Learns to operate electronic test equipment.

Other Functions:

- Installs, troubleshoots, maintains and repairs wiring for voice and data networks, alarm systems and audio/video systems, including fiber optic cable and other communications equipment.
- Assists Communication Technicians II/III to rack and mount fixed radio equipment; assists Communications Technician II/III in maintaining, adjusting and making minor repairs to microwave systems.
- Assists emergency service and public safety personnel during emergencies by operating and maintaining mobile communications equipment, four wheel vehicles and snow cat.
- Performs other job-related duties as required. **Incumbents must have the ability to perform the Essential Functions of the job.**

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ESSENTIAL FUNCTIONS:

LEVEL II:

- Installs, removes and makes minor repairs to radios and related equipment in vehicles; installs, tests, and makes minor repairs to hand-held, mobile, VHF/UHF transmitters and receivers; installs mountain top repeater equipment and portable repeaters.
- Designs and fabricates mounts for equipment installed in vehicles and on communication towers; operates power hand tools and other equipment including saw, drill, grinder, drill press, arc welder and torch.
- Installs, and makes minor repairs to various communication systems including alarm systems, recording devices, audio and video systems, sirens, closed circuit TV and public address systems.
- Assists emergency service and public safety personnel during emergencies by operating and maintaining mobile communications equipment, communications van, 4 wheel drives vehicles and snow cat.
- Maintains and repairs emergency power equipment: battery chargers, auxiliary generators and light plants.
- Climbs towers, poles and other structures to install, reconfigure and repair radio or microwave antenna and cable equipment.
- Operates electronic test equipment.

Other Functions:

- Installs, troubleshoots, maintains and repairs wiring for voice and data networks, alarm systems and audio/video systems, including fiber optic cable and other communications equipment.
- Assists in racking and mounting fixed radio equipment; assists in maintaining, adjusting and making minor repairs to microwave systems.
- Performs other job-related duties as required. **Incumbents must have the ability to perform the Essential Functions of the job.**

ESSENTIAL FUNCTIONS:

LEVEL III:

- Assembles, installs, troubleshoots, maintains and repairs VHF/UHF/800MHz transmitters and receivers, antennas, repeater base stations and mobile relays and related radio equipment.
- Installs, troubleshoots, maintains and repairs digital microwave analog, digital RF and digital multiplex equipment for digital cross-connect network.
- Installs, troubleshoots, maintains and repairs closed circuit TV cameras, monitors, intercom, sound, alarm, and video conferencing systems.
- Installs, troubleshoots, maintains and repairs solar voltaic arrays, batteries and related equipment; radio consoles; two-way mobile, base, portable radios and computer modems.
- Operates scada systems, supervisory alarm systems and network management.
- Performs difficult and complex diagnosis, maintenance, installation, and repair of a variety of communications electronic equipment, using diagnostic methods, tools, test equipment, circuit diagrams and technical manuals to keep systems in good working order.
- Designs, installs, troubleshoots, maintains and repairs wiring for voice and data networks, alarm systems and audio/video systems, including fiber optic cable. Identify wiring by color codes and perform separation on a punch block.
- Oversees field performance records of repeaters, digital microwave system, and maintains computer network controlled dispatch console system.

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LEVEL III: (cont)

- Provides technical guidance to subordinate staff; assists and advises in the development of staff.
- Consults with other agencies, engineers, vendors and users to identify and resolve telecommunications and network administration issues.

Other Functions:

- Maintains written records to document the technical history of equipment and for billing purposes.
- Performs field engineering on electronic communications equipment.
- Climbs towers and other structures to install, reconfigure and repair radio or microwave communications equipment situated in varied locations, confining spaces and in various weather conditions.
- Available on a rotational basis for after hours and weekend call-outs for system-related problems.
- Performs other job-related duties as required. **Incumbents must have the ability to perform the Essential Functions of the job.**

WRITTEN (Weight 50%): May include knowledge of basic tools, principles and procedures employed in fabricating, installing, maintaining, testing, repairing and operating radio, microwave and other communications equipment.

ORAL EXAM (Weight 50%): Will be conducted for the purpose of appraising training, experience, interest and personal fitness for the position. **IF THE NUMBER OF APPLICANTS SUCCESSFUL ON THE WRITTEN EXAMINATION IS INSUFFICIENT TO WARRANT AN ORAL APPRAISAL, THE WRITTEN EXAMINATION SHALL BE WEIGHTED 100%.** Applicants must attain at least a 70% score on each phase of the examination process.

EMPLOYMENT INFORMATION

1. APPLICATIONS may be obtained at the Kern County Personnel Department 1115 Truxtun Avenue, Bakersfield, California 93301. Applications must be properly completed in accordance with Instructions on the face of the application form and received in the office of the Kern County Personnel Department not later than the date and time noted on the front of the job announcement. All statements on the completed application are subject to verification and investigation.

Civil Service Rules permit employment certification of eligibles with special qualifications upon written request of the appointing authority and authorization of the Director of Personnel.

2. REASONABLE ACCOMMODATION FOR THE DISABLED

The County of Kern will make reasonable accommodations for the disabled. Individuals requiring any accommodation in order to participate in the testing process must inform the Personnel Department of the County of Kern in writing, no later than the final filing date as stated on the job announcement. If you have any questions regarding this policy, please contact the Equal Employment Opportunity Division at (661)868-3480.

3. CITIZENSHIP

Non-citizens must present for verification a valid Alien Registration Card.

4. VETERANS' PREFERENCE may be claimed by submitting suitable evidence of honorable discharge at time of filing application. To be eligible, a veteran must have served at least 90 consecutive days during one of the following periods: December 7, 1941 to December 31, 1946; June 27, 1950 to January 31, 1955; August 5, 1964 to May 7, 1975; or August 2, 1990 to present. National Guard or Reserve active duty for training of six months or less will not qualify for veterans' preference points.

Disabled veterans who meet these requirements and are presently receiving compensation for service connected disability of 10% or more may be entitled to additional preference credits. A letter from the Veterans Administration verifying current disability and dated within one year prior to the final filing date must be filed with the Personnel Department

All preference verification must be received by the application filing deadline.

5. POST-OFFER MEDICAL/PHYSICAL EXAMINATION

Once an offer of employment has been made, you may be required to pass a medical and/or physical exam, including drug and alcohol testing. The cost of the examination is paid by the County. Candidates are cautioned not to quit or give notice to present employers until the medical examination has been completed and passed.

6. CHANGE OF NAME, ADDRESS, OR TELEPHONE

It is the responsibility of all applicants and eligibles to promptly advise the Personnel Department of changes in name, address, or telephone number.

7. AN EQUAL OPPORTUNITY EMPLOYER Kern County does not discriminate on the basis of race, color, national origin, sex, religion, age or disability status in employment or the provision of services.

8. IN COMPLIANCE WITH THE IMMIGRATION REFORM ACT OF 1986, individuals offered employment with the County will be required to submit verification of citizenship or legal right to work in the United States.

9. EFFECTIVE 1/1/90, any person who becomes a member of the Retirement System for the first time after January 1, 1990 shall not receive or accrue retirement rights or benefits which exceed limits imposed by Internal Revenue Code Section 415, as amended. For further information or details, contact the Personnel Department or the Kern County Employees' Retirement Association.

ABOUT KERN COUNTY

Located at the southern end of the San Joaquin Valley, Kern County, California's "Golden Empire," spans more than 8,000 square miles. The area enjoys a wide range of climatic conditions and topography encompassing mountains, deserts, and valleys.

Bakersfield, the county seat is one of the fastest-growing cities in the United States. With a population of nearly 300,000 in the Greater Bakersfield area, the city couples most of the benefits of a major metropolitan community with the friendliness of a small town. Bakersfield is located 110 miles north of Los Angeles and 290 miles south of San Francisco. For those who relish a slower pace, Kern County offers the tranquility of the mountains, the rugged beauty of the desert, the awesome power of the Kern River, and the congeniality of the smaller communities.

A diversified economic base of petroleum production, agriculture, industry and government ensures continued growth and stability. Kern County residents enjoy the benefits of affordable housing and a thriving retail trade. The County is ranked among the top 100 metropolitan markets in terms of buying power.

Educational facilities in Kern County include California State University, Bakersfield, four community colleges, and numerous public, private, and parochial schools for elementary and secondary students. Extension programs through various colleges and universities are also available.

Recreational and cultural activities abound in Kern County. For those who enjoy the outdoors, camping, fishing, hunting, and hiking in the desert or mountain areas can be enjoyed throughout the year. Snow skiing, water skiing, boating, and white water rafting are just a few of the seasonal sports opportunities available. The sports enthusiast can also participate in swimming, golf, tennis, and racquetball at many public or private facilities. Concerts, sporting events and a wide variety of other activities are available at the Centennial Garden, a state-of-the-art arena located in Bakersfield.