

## COMPUTER FORENSIC SPECIALIST

### **Definition:**

Under direct supervision, to perform technical criminal investigative work related to the collection, preservation and identification of evidence, including electronic devices, computers, electronic data storage media and the data contained within; and to process crime scenes using specialized photographic and digital imaging techniques; and to provide expert testimony in court.

### **Distinguishing Characteristics**

Incumbents in this classification perform work with minimum supervision to perform investigative computer forensics and digital imaging in evidence collection and conduct skilled and complex analysis requiring professional training and experience.

Depending on assignment, incumbents in this classification must be available to report to work nights, weekends and holidays in addition to their regular work schedule.

The position requires that incumbents be willing to traverse rough terrain and withstand adverse weather conditions; process crime scenes and evidence associated with violent crimes and fly in departmental aircraft.

### **Essential Functions:**

- Properly document and seize computers, computer storage media and electronic storage devices from crime scenes and other locations as required.
- Conduct forensic examinations of computer systems, components and storage media and electronic storage devices to obtain evidence contained within.
- Use computers and digital imaging technologies (specialized digital cameras, scanning devices, video cameras) to acquire electronic images.
- Maintain specialized equipment assigned to the Technical Investigations Section.
- Prepare reports documenting examination procedures and results.
- Provide training to department personnel who may encounter electronic evidence in the course of their duties.
- Testify in court.
- Create and maintain image archives.
- Provide support to other Sheriff's Office units utilizing digital imaging techniques including video capture and enhancement and latent fingerprint photographic and enhancement services.
- Provide image output, including but not limited to, photographic prints, video images and computer files.
- Creation of specialized computer graphics.
- Performs other job related duties as required.

**Employment Standards:**

Two (2) years of experience equivalent to Evidence Technician II in the Kern County classification system.

**OR**

Completion of 60 semester units or 90 quarter units of college coursework in computer science, business, law enforcement, administration of justice, or a related field.

**OR**

An equivalent combination of education and experience sufficient to obtain the knowledge and skill to successfully perform the essential duties of the job.

Possession of a valid California Motor Vehicle driver's license is required at time of appointment.

**Knowledge of:** basic investigative techniques related to IT device forensics and forensic-related software; techniques for obtaining evidence from computers; the general rules of evidence and court procedures; advanced photographic and digital imaging technologies including the use of digital cameras, video capture devices, panoramic imaging and scientific imaging equipment.

**Ability to:** learn, understand, interpret and apply basic laws, rules and regulations; respond to crime scenes; maintain records and prepare reports; testify in court; collect and preserve physical evidence at crime scenes.

A background check may be conducted for this classification.

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.

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