

DENTAL LABORATORY TECHNICIAN

DESCRIPTION: This is technical and supervisory work involving the operation of a dental laboratory and the instruction of legal offenders in the preparation of dental prosthetic devices. Receives general supervision from the Department of Correctional Services Hospital Administrator; performs related work as required.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Instructs and demonstrates the technical theories and practical skills of dental prosthetics.

Supervises on-the-job training in the fabrication, repair and fitting of artificial dental restorations, both fixed and movable, full and partial dentures.

Consults with dentists to fabricate or repair fractured dentures.

Works with dentist in making preliminary impressions, preparing casts of patient's mouth, setting, capping, casting and finishing dentures.

Instructs inmates in setting up teeth by keying casts, sealing bite rims and transferring to a mechanical articulator.

Instructs inmates in preparing casts for flasking and after cleaning, mixing acrylic monomer and powder rations; packing acrylic into mold and treating, processing by reassembling to the mold flask; curing and cooling; returning to articulator for any adjustments due to processing errors.

Counsels with inmates on their vocational goals, skills and preferences.

Maintains accurate dental laboratory records on supplies, equipment, work performed and student evaluation.

Coordinates examinations for qualified offenders to become certified in at least one area of dental prosthetics.

FULL PERFORMANCE KNOWLEDGES, ABILITIES, AND SKILLS REQUIRED: (These may be acquired on the job and are needed to perform the work assigned.)

ENTRY KNOWLEDGES, ABILITIES, AND SKILLS REQUIRED: (Applicants will be screened for possession of these through written, oral, performance, and/or other evaluations.)

Knowledge of: principles and practices of dental prosthetics; dental terminology.

Ability to: plan, coordinate and direct laboratory production; instruct and supervise inmates in the production of dental prosthetic devices; maintain adequate laboratory records; evaluate the progress of legal offender students.

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JOB PREPARATION GUIDELINES: (Entry knowledge, abilities, and/or skills may be acquired through, BUT ARE NOT LIMITED TO, the following coursework/training and/or experience.)

Any combination of training and/or work experience that will enable the incumbent to possess the required knowledge, skills and abilities. A general qualification guideline for positions in this class is high school graduation plus five years of experience in the production of dental prosthetic devices and current certification as Dental Technician. Formal training at a post-secondary institution providing instruction in the production of dental prosthetic devices can substitute for experience on a year for year basis.