

# Work Processes Schedule

## DENTAL-LABORATORY TECHNICIAN (PROTECTIVE DEVICES)

RAPIDS: 0103N

O\*NET/SOC: 51-9081.00

REVISION DATE: 03/2015

Fabricate and repair dental appliances, according to Dentist's prescription. Fabricates full or partial dentures, using wax, plastic and plaster models, articulators, grinders, and polishers. Casts plastic or plaster models of dentures to be repaired.

### Applicable Ratings/MOS

USMC MOS None

USCG HS

USN HA, HM, HN, HR

### Related Instruction

Any trade related schools/courses totaling 432 hours

### Additional Requirement

Must hold NEC 8752, 8753, or 8765.

Total Hours: **6000**

Skill	Description	Hours
<b>A</b>	<p><b>GENERAL ADMINISTRATION</b></p> <p>Maintain logs, files, and records. Prepare reports and records pertaining to the custody, receipt and issue of precious and special dental metals.</p>	100
<b>B</b>	<p><b>LOGISTICS SUPPORT</b></p> <p>Requisition and maintain records for issue and disposal of dental laboratory supplies and equipment. Ensure proper security of dental supplies and equipment.</p>	100
<b>C</b>	<p><b>SAFETY</b></p> <p>Conform to prescribed safety practices.</p>	100
<b>D</b>	<p><b>MECHANICAL MAINTENANCE</b></p> <p>Make minor calibration adjustments to prosthetic equipment. Perform routine user maintenance on prosthetic equipment.</p>	100
<b>E</b>	<p><b>FABRICATION AND MANUFACTURING</b></p> <p>Prepare setups for all phases of prosthetic dentistry. Prepare dental materials used in prosthetic procedures. Construct record bases and occlusion rims. Construct casts for complete and removable partial denture appliances. Perform flasking, packing, deflasking, finishing, and polishing of complete and removable partial dentures. Repair, reconstruct, and reline complete and removable partial dentures. Perform wax contouring of prosthetic denture bases. Attach complete and partially edentulous casts on articulators. Perform investing, burnout, casting, and finishing of removable metal frameworks. Fabricate individualized impressions trays for all types of prosthetic</p>	5600

appliances. Perform duplications required in the fabrication of dental prosthetic appliances. Perform survey and transfer of removable partial denture designs. Fabricate wax patterns for removable partial dentures. Arrange teeth for complete and removable partial dentures. Perform selective grinding of teeth for complete and removable partial dentures. Fabricate occlusal index and periphery casts used in patient remount procedures. Construct casts for fixed partial dentures. Construct inlays, crown, and fixed partial dentures. Perform characterizing and glazing of porcelain.