

Dental Laboratory Technology Skills

Use the following lists to show your technical skills on your resume and cover letter. You may have additional skills not shown on this list. List your skills in a separate Skills/Qualifications section on your resume. Highlight the most relevant skills in the middle paragraph of your cover letter.

Sample Skills/Skill Headings

- Removable Prosthodontics
- Fixed Prosthodontics
- Orthodontics
- Design Techniques
- Repair Work
- Communication
- Material Handling
- Prosthesis Design
- Leadership/Management
- Software/Computer Skills
- Soldering/Welding
- Cast Fabrication

Sample Skill Statements

- Apply and communicate technical information
- Apply porcelain paste or wax over prosthesis frameworks or setups, using brushes and spatulas
- Apply quality assurance techniques
- Assemble, carve, grind, and polish metal and plastic parts
- Build and shape wax teeth, using small hand instruments and information from observations or dentists' specifications
- Communicate and work directly with dentists
- Construct customized assistive medical or dental devices
- Create models of mouths using molds of patient teeth
- Fabricate, alter, and repair dental devices such as dentures, crowns, bridges, inlays, and appliances for straightening teeth
- Fill chipped or low spots in surfaces of devices, using acrylic resins
- Follow dental office or lab procedures
- Inspect medical or dental assistive devices
- Knowledge and use of dental terminology
- Load newly constructed teeth into porcelain furnaces in order to bake the porcelain onto the metal framework
- Maintain quality control
- Measure clients to ensure proper product fit

- Melt metals or mix plaster, porcelain, or acrylic pastes; and pour materials into molds or over frameworks in order to form dental prostheses or apparatus
- Mold wax over denture set-ups to form full contours of artificial gums
- Observe size and shape of teeth from models
- Operate precision measuring devices, tools and equipment
- Pay attention to minute details
- Place models on devices to view and test patient bite
- Polish materials, workpieces, or finished products
- Possess artistic and creative ability
- Prepare metal surfaces for bonding with porcelain to create artificial teeth, using small hand tools
- Process records and maintain forms and files
- Read work orders or other instructions to determine product specifications or materials requirements
- Use micrometers to measure small distances or angles
- Shape and solder wire and metal frames or bands
- Remove excess metal or porcelain and polish surface of dental device
- Rebuild or replace linings, wire sections, and missing teeth to repair dentures
- Skill using small hand instruments with accuracy
- Use computers to enter, access, and retrieve data
- Work independently and as a team member
- Work with a variety of materials, including waxes, plastics, precious and non-precious alloys, stainless steel, porcelains, and composites or polymer glass combinations