

**Dental  
Laboratory**

**Student** \_\_\_\_\_

**Task Sheet**

**Dates of  
Rotation** \_\_\_\_\_

OBJECTIVES	OBSERVED	ASSISTED
1. Orientation to the dental laboratory		
2. Safety		
a. OSHA binder		
b. MSDS labeling		
c. infection control		
3. Equipment and supplies		
a. dental lathes		
b. dental engines		
c. dental vibrators		
d. dental stones		
e. burnout and porcelain ovens		
f. casting machines and torches		
4. Dental laboratory procedures		
a. fabrication of various custom trays		
b. pouring master cast		
c. facebows and mounting the master casts		
d. full gold crowns		
1). Trimming the die		
2). Wax up		
3). Sprue and invest the wax pattern		
4). Burnout and casting		
5). Finishing and polishing		
e. full porcelain veneer crown		
1). Trimming the die		

2). Wax up		
3). Sprue and invest the wax pattern		
4). Burnout and casting		
5). Shade selection		
6). Stacking the porcelain		
7). Firing the porcelain		
8). Finish and polishing		
f. fixed bridges		
1). Master cast and dies		
2). Wax up and casting		
3). Burnout and casting		
4). Stacking porcelain if appropriate		
5). Finishing and polishing		
g. partial dentures		
1). Master cast		
2). Survey and design of framework		
3). Wax up and casting of framework		
4). Finishing framework		
5). Setting the prosthetic teeth		
6). Packing and curing acrylic		
7). Finishing and polishing		
h. full denture		
1). Boxing and beading the final impression		
2). Fabrication of baseplates and wax rims		
3). Set up prosthetic teeth for maxillary and mandibular dentures		
4). Waxing and festooning of trial dentures		
5). Packing and curing of acrylic		
6). Finishing and polishing the full denture		
7). Full denture reline		
8). Repair a fractures denture		

5. Other		

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Mentor Signature

Date