

## **Dental Hygiene Clinic/Lab Competencies**

This document shows the required experiences to achieve clinical and laboratory competency. These are the minimum number of experiences and do not solely fulfill any individual course or program requirements.

*\*Students are required to complete a high number of laboratory and clinical services in partial fulfillment of program competencies. Due to COVID-19, alterations in content delivery, requirements, and specific expectations may occur. If revisions are necessary, all students still must meet minimum licensure and accreditation competencies to be eligible to graduate. Students will be made aware of any and all changes via written communications (email) and class announcements (verbal).*

# SOPHOMORE YEAR

## Sophomore Clinic Competencies

	FALL	SPRING	SUMMER
Total # Patients Completed	N/A	N/A	4
Rotations	N/A	N/A	Assisting

## Sophomore Laboratory Competencies

	FALL DTHY 210	SPRING DTHY 211
Radiology (Lab)	1 FMX ( ½ Sensor & ½ PSP)	1 Sensor FMX with HBWX (retakes permitted)
	1 BWX (Either Sensor or PSP)	1 Sensor FMX with VBWX (retakes permitted)
	Caries/perio/radiographic Interpretation	1 PSP FMX with HBX (retakes permitted)
	Introduction to pano – students observe pano being taken and get familiar with machine.	1 Sensor FMX Final (no retakes permitted)
		Students complete a placement activity where using PSP where they place and simulate taking a FMX on a partner

# JUNIOR YEAR

## Junior Clinic Competencies

	FALL	SPRING	SUMMER
Minimum # of Patients <i>*subject to change as per clinic supervisor</i>	17 <i>(6 must be hand scale only)</i>	20	*8 week rural health rotation <i>(75-300 patients &amp; 4 community outreach experiences)</i>
Test Case ≥ 1.0	1	2 <i>(1 must be hand scale only)</i>	
Calculus Detection Form	1	2	
Magnetostrictive ultrasonic	2	2	
Piezoelectric ultrasonic	2	2	
Sonic	2	2	
Powered Instrumentation Competency Rubrics	3		
Subgingival irrigation	5	7	
Fluoride tray	5	5	
Fluoride varnish	5	5	
Sealants	0	4	
IntraOral Camera	3	5	
CAESY Software	7	10	
Glycine Air Polisher	2	2	
Tobacco Cessation Counseling	<b>Annual Requirement: 1</b>		
Radiology	<b>Annual Requirement:</b> 12 sets of Bitewings [4 PSP + 8 Sensor] <i>(at least 6 due by end of Fall semester)</i>  15 Periapicals [6 PSP + 9 Sensor] <i>(minimum of 8 due by end of Fall semester)</i>  3 Full Mouth Series [minimum of 2 sensor] <i>(minimum of 1 due by end of Fall semester)</i>  15 Panoramics <i>(minimum of 8 due by end of Fall semester)</i>		
Radiology interpretation	3 FMX, 3 Panogram	N/A	
Instrumentation exam	N/A	1 (90% competency)	

Rotations	Radiology Pediatric Dentistry Innovation Center (CRET)	Radiology Pediatric Dentistry DGP/Sterilization Innovation Center (CRET)	
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### Junior Laboratory Competencies

FALL	SPRING
Magnetostrictive Scaling (SWERV units)	Elastomeric Impressions
Gypsum Materials	Fabrication of Study Models
Intraoral Camera	Fabricate athletic mouth guard
Alginate Impressions	Rubber dam placement
Oraqix Application on dentoform	Review Sealant Placement on Dentoform
Sealant Placement on dentoform	Fabricate custom bleaching tray
Adhesive Materials	Fabrication of Temporary Crowns
Dental Cements (zinc phosphate, ZOE, Glass ionomer)	Tofflemire Retainer and Matrix band placement
Place/carve/finish Class I amalgam	Place/finish/Polish Composite
Place/Finish/Polish Class II composite	Place/carve Class II amalgam
Polishing Techniques for Removable Prosthesis	Amalgam finish/polishing
Hand-sharpening Technique	Custom Tray Fabrication (x2)
	Perio dressing placement
	Remove sutures
	Debonding ortho brackets
	Elastomeric Impressions

### Junior Clinic-Based Laboratory Competencies

FALL	SPRING
Alginate impressions on student partner	Alginate impressions on Student Partner
Oraqix application on student partner	Pulp Vitality Testing on Student Partner
Sealant Placement on Student Partner	Caries risk assessment (x2 methods)
Intraoral camera on student partner	IntraOral Camera on Student Partner for Bleaching

# SENIORS

## Senior Clinic Competencies

	FALL	SPRING
Minimum # of patients <i>*subject to change as per clinic supervisor</i>	36	22 (26-extra)
Perio type $\geq$ III	4	4
Calc Class $\geq$ 1.8	2	2
Test Case $\geq$ 1.8	2 <i>(1 must be hand scale only)</i>	2
Sonic	2	2
Magnetostrictive/ Piezo ultrasonic	3 3	3 3
Fluoride varnish	5	5
Fluoride tray	5	5
Intra oral camera	2	2
Identify board qualifying calculus	1	1
Glycine Air Polisher	2	2
Vital bleaching trays	<b>Annual Requirement: 1</b>	
Sealants	<b>Annual Requirement: 4</b>	
Finish/polish amalgams	<b>Annual Requirement: 4</b>	
Tobacco Cessation Counseling	<b>Annual Requirement: 2</b>	
Radiology	<p><b>Annual Requirement:</b>            10 sets of Bitewings            [minimum 8 sensors]  <i>(minimum of 5 by end of fall semester)</i></p> <p>7 Full Mouth Series            [minimum 5 sensors]  <i>(minimum of 4 by end of fall semester)</i></p> <p>10 Panoramic  <i>(minimum of 5 by end of fall semester)</i></p>	

<p>Anesthesia injections</p>	<p><b>Annual Requirement</b> of minimum of 3 each:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Inferior Alveolar Lingual Long Buccal Mental Anterior Superior Alveolar</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Middle Superior Alveolar Posterior Superior Alveolar Infiltration Greater Palatine Naso-Palatine</p> </td> </tr> </table>		<p>Inferior Alveolar Lingual Long Buccal Mental Anterior Superior Alveolar</p>	<p>Middle Superior Alveolar Posterior Superior Alveolar Infiltration Greater Palatine Naso-Palatine</p>
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<p>Rotations</p>	<p>Oral Surgery Pediatric Dentistry Orthodontics West Milford Clinic Long Term Care Facility Special Needs WVU Graduate Prosthodontic WVU Graduate Periodontics Innovation Center (CRET)</p>	<p>Oral Surgery Ruby Memorial Hospital Orthodontics West Milford Clinic Long Term Care Facility Special Needs WVU Graduate Prosthodontic WVU Graduate Periodontics Innovation Center (CRET)</p>		