

Course Objectives	Competencies
<p>General Student Learning Outcomes:</p> <ol style="list-style-type: none">1. Identify and describe the physical and biological conditions that must be considered when using a material in dentistry.2. Define and explain the general physical and chemical properties of dental materials.3. List and describe the uses of the many dental materials.4. Describe and compare the importance of the varied ingredients found in the composition of the materials included within the range of this course.5. Recognize and discuss the important properties and characteristics of the various dental materials listed within this course schedule of content.6. Demonstrate the techniques necessary to mix the various materials in the dental setting.7. Determine what precautions, if any, must be taken when encountering the various dental materials during the prophylactic procedure.8. Develop an appreciation of the many dental materials placed in and around the oral cavity.9. Discuss and execute the proper sterilization techniques following OSHA guidelines for all necessary laboratory supplies and dental equipment.	<p>Competency- Formative: Mixing Alginate: Taking maxillary Impression</p> <p>Competency- Formative: Pouring impression into stone</p> <p>Competency- Formative: Mixing Alginate: Taking Mandibular Impression</p> <p>Competency- Formative: Pouring impression into stone</p> <p>Competency- Summative: Mixing Alginate: Taking Maxillary impression on partner</p> <p>Competency- Summative: Pouring impression into stone</p> <p>Competency- Summative: Mixing Alginate: Taking mandibular impression on partner</p>

Competency Formative:
Model Trimming
Bite Reg

Competency- Summative
· Max & md alginate
impressions

Whitening Trays or Night
Guards

1. Take max/mand
Impressions
2. Pour up models with no
base

- Complete all
formative/summative alginate
competencies
- Complete formative/
summative bite registration
- Complete formative model
trimming
- Plaster models
- Model trimming- on existing
models

Use and care of amalgam
equipment

Mixing and condensation of
amalgam

Articulating Paper Occlusion
Check of Amalgam Placement
(Carve if needed)

Rubber Dam Application and
Removal

Matrix and wedge placement

Course Objectives	Competencies
	<p>Rubber Dam Application and Removal</p> <p>Matrix and wedge placement</p> <hr/> <p>Mixing periodontal paste</p> <p>Placing Periodontal paste & removal</p> <p>Mixing dental cements</p> <hr/> <p>Suture Placement and removal</p> <p>Taking triple-tray impressions on typodont</p> <p>Construction of a temporary crown</p> <hr/> <p>Composite placement and finishing</p> <p>Silver Diamine Fluoride</p>