



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Dental Materials  
**Course Number:** DAS124

### Required Materials

**Textbook(s):** Eakle, Stephan. Bastin, Kimberly. (2020) *Dental Materials Clinical Application for Dental Assistants and Hygienists*, 4<sup>th</sup> ED. Elsevier.

**Required Readings:** See weekly calendar below

**Additional Materials:** Course material which can be accessed through the Learning Management System.  
**Optional-** Dental Assisting Materials Power Point Packet which can be purchased in the College Store.

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	Lecture: (Eakle and Bastin) Ch. 1 - Intro to Dental Materials Lab- Scanner/bases and liners; Provisionals; Alginates
Week 2	Lecture: (Eakle and Bastin) Ch. 2 - Oral Environment and Patient Considerations Lab- Scanner/bases and liners; Provisionals; Alginates
Week 3	Lecture: (Eakle and Bastin) Ch. 3 - Physical Properties of Dental Materials Lab- Scanner/bases and liners; Provisionals; Alginates
Week 4	Lecture: (Eakle and Bastin) Ch. 10 - Dental Amalgam Lab- Scanner/bases and liners; Provisionals; Alginates
Week 5	Lecture: (Eakle and Bastin) Ch. 6 - Composites, Glass Ionomers, and Compomers Lab- Scanner/bases and liners; Provisionals; Alginates
Week 6	Lecture: (Eakle and Bastin) Ch. 4 - General Handling and Safety of Dental Materials Lab- Scanner/bases and liners; Provisionals; Alginates
Week 7	Lecture: (Eakle and Bastin) Ch. 7 - Preventive and Desensitizing Materials; Ch. 8 - Teeth Whitening Materials and Procedures Lab- Scanner/bases and liners; Provisionals; Alginates
Week 8	Lecture: (Eakle and Bastin) Ch. 15 - Impression Materials Lab- Scanner/bases and liners; Provisionals; Alginates
Week 9	Lecture: (Eakle and Bastin) Ch. 16 - Gypsum and Wax Products Lab- Scanner/bases and liners; Provisionals; Alginates

<b>Week</b>	<b>Chapter/Topic/Lab</b>
Week 10	Lecture: (Eakle and Bastin) Ch. 14 - Dental Cements Lab- Scanner/bases and liners; Provisionals; Alginates
Week 11	Lecture: (Eakle and Bastin) Ch. 18 Provisional Restorations Lab- Scanner/bases and liners; Provisionals; Alginates
Week 12	Lecture: (Eakle and Bastin) Ch. 5 Principles of Bonding Lab- Scanner/bases and liners; Provisionals; Alginates
WEEK 13	Lecture: (Eakle and Bastin) Ch. 9 Dental Ceramic, Ch. 12 Dental Implants Lab- Scanner/bases and liners; Provisionals; Alginates
Week 14	Lecture: (Eakle and Bastin) Ch. 13 Finishing/Polishing Lab- Scanner/bases and liners; Provisionals; Alginates
Week 15	Review for Final
Week 16	Final Exam