

## COURSE INFORMATION SHEET

### COURSE NUMBER AND TITLE

**DNTA-1301** 3 credit hours, 6 hours/week , 96 contact hours

### DENTAL MATERIALS

Friday- 1:00-2:50 Room D-125- Lecture

Tuesday or Thursday- 8:00-11:50 Lab D-136

### COURSE (CATALOG) DESCRIPTION-

The theory of the structure, properties and procedures related to dental materials.  
Safety and universal precautions will be employed.

**INSTRUCTOR: Dr. Bob Bennett**

**OFFICE: D-106; U-164**

**OFFICE HOURS 4:00 P.M. Fri**

**OFFICE TEL: 364-4690  
364-4765**

**LAB INSTRUCTORS: Ms. Jill Brunson  
Ms. Donna Olivarez**

### REQUIRED TEXT AND MATERIAL Materials in Dentistry, Principles and Applications

Jack Ferracane J.B. Lippincott, 2001. ISBN: 0-7817-2733-2

Also required are safety glasses, pencils, paper, and scantron sheets

### GRADING CRITERIA

### GRADING SCALE

**4 TESTS @ 12 % EACH** **48%**

**93-100** **A**

**86- 92** **B**

### LAB PRACTICALS

**78- 85** **C**

**SEALANT EVAL** **5%**

**0- 77** **F**

**IMP AND MODEL EVAL** **12%**

**TRAY EVAL** **5%**

**CEMENT EVAL** **5%**

**TEMP CROWNS EVAL** **5%**

**DENTURE EVAL** **5%**

**1 FINAL** **15%**  
**100%**

**Each student will be required to complete 100% of all the assigned laboratory procedures before a course grade can be given.**

## **COURSE SCHEDULE**

### **LECTURE**

**MAY 10- COURSE INFORMATION SHEET**

### **LAB**

**MAY 14**

**May 16- INTRODUCTION TO LAB AND SAFETY**

### **LECTURE-**

**MAY 17 - CHAPTER 1 INTRO**

**CHAPTER 3 PREVENTATIVES**

### **LAB-**

**MAY 21**

**MAY 23 - SEALANTS**

### **LECTURE**

**MAY 24- CHAPTER 2 PROPERTIES, CHAPTER 14 ABRASIVES**

### **LAB-**

**MAY 28**

**MAY 30- SEALANTS-EVAL**

### **LECTURE**

**MAY 31 CHAPTER 8- IMPRESSION MATERIALS CHAPTER 9 STONE AND PLASTER**

### **LAB**

**JUNE 4**

**JUNE 6 IMPRESSIONS AND STUDY MODELS**

### **LECTURE**

**JUNE 7 *TEST 1 CHAPTERS 1,2,3, AND 14***

### **LAB**

**JUNE 11**

**JUNE 13 IMPRESSIONS AND STUDY MODELS EVAL**

### **LECTURE**

**JUNE 14 CHAPTER 12 ACRYLICS**

### **LAB**

**JUNE 18**

**JUNE 20 IMPRESSIONS AND STUDY MODELS EVAL**

### **LECTURE**

**JUNE 21 CHAPTER 4, 10 CEMENTS, TEMPORARIES**

**LAB**

**JUNE 25**

**JUNE 27- FABRICATION OF TRAYS, AND MOUTHGUARDS- EVAL  
MIXING OF CEMENTS**

**LECTURE-**

**JUNE 28- TEST 2 CHAPTERS 8,9, AND 12**

**LAB**

**JULY 2-REVIEW**

**JULY 4- HOLIDAY**

**LECTURE**

**JULY 5- CHAPTER 5 ANTERIOR DIRECT RESTORATIONS**

**LAB**

**JULY 9**

**JULY 11- MIXING OF CEMENTS -EVAL  
SUTURE REMOVAL, PERIODONTAL DRESSINGS**

**LECTURE**

**JULY 12 CHAPTER 6 POSTERIOR DIRECT RESTORATIONS**

**LAB-**

**JULY 16**

**JULY 18 MIXING OF AMALGAM AND COMPOSITE**

**LECTURE**

**JULY 19- TEST 3 CHAPTERS 4,5,6, AND 10**

**LAB**

**JULY 23**

**JULY 25 DENTURE REPAIR, POLISH AND CLEANING-EVAL**

**LECTURE**

**JULY 26- CHAPTER 7 & 11**

**MATERIALS FOR INLAYS, ONLAYS, CROWNS, AND BRIDGES  
MATERIALS FOR CAST RESTORATIONS**

**LAB**

**JULY 31**

**AUGUST 1-TEMPORARY CROWNS AND RUBBER BASE IMPRESSIONS- EVAL**

**LECTURE**

**AUGUST 2 CHAPTER 13 & 15**

**METAL ALLOYS FOR ORTHO, PROSTHO, AND PEDIATRIC DENTISTRY  
DENTAL IMPLANTS**

**LAB**

**AUGUST 6**

**AUGUST 8 DEMO ON CASTING AND WAXUPS**

**LECTURE-**

**AUGUST 9- TEST 4 CHAPTERS 7,11,13,15**

**LAB**

**AUGUST 13**

**AUGUST 15- CATCHUP AND CLEANUP**

**AUGUST 16- FINAL**

**PROFESSIONALISM-** The Dental Assistant is an integral part of the dental team and is expected to value those behaviors that are considered part of professional demeanor. Courtesy to other classmates and to the instructors is expected at all times. This includes attentiveness to course work, effective time management, and attendance.

**CHEATING:** Any evidence of cheating or using the work of another as one's own, will result in immediate dismissal from the class session, and from the program if verified.

**Grades below C are unsatisfactory for advancement in the program. Each practical must be passed with a 78% or higher.**

### **CLASS ATTENDANCE POLICY**

Class attendance is expected. Excessive absences as defined in the dental assistant student handbook will be used as the standard for this class.

**IF ABSENT FROM A TEST- THE MAKEUP WILL AUTOMATICALLY HAVE 5 POINTS DEDUCTED FROM THE SCORE- ON A SECOND OCCURRENCE, 10 POINTS WILL BE DEDUCTED AND SO ON. NO EXCEPTIONS !!!!**

### **ACCOMMODATIONS**

**If you have a condition, such as a physical or mental disability, which will make it difficult for you to carry out the work as outlined in this course, or which will require extra time on examinations, please notify me in the first two weeks of the course so that we may make appropriate arrangements.**

### **ATTENDANCE AND ADMINISTRATIVE POLICIES:**

**Attendance and participation is required.**

**It is the responsibility of the STUDENT, not the instructor, to arrange for make-up work. You must make arrangements to make up your work on the first day of your return to class. The make-up work must be completed as soon as possible.**

**The instructor reserves the right to make any changes to the Course Information Sheet he perceives necessary to facilitate the delivery of the course material and student learning. The class will be notified if any changes occur.**