

## COURSE INFORMATION SHEET

### COURSE NUMBER AND TITLE

**DNTA-1311** 3 Credit hours, 6 hours a week, 96 contact hours

### DENTAL SCIENCE I

Monday, Wednesday, Friday 8:00-9:50 Room D-125

**COURSE (CATALOG) DESCRIPTION-** An introduction to anatomical systems with emphasis placed on head and neck anatomy. The supporting oral structures, embryology of the teeth, and tooth nomenclature are covered. Topics include the physiology and morphology of the deciduous and the permanent teeth along with basic dental terminology.

**INSTRUCTORS: Ms. Eva Euler**

**OFFICE: U- 161 364-4704**

**Ms. Barb Bennett**

**OFFICE: U-140 364-4697**

**Dr. Bob Bennett**

**OFFICE: D-121, U-164  
364-4690**

**OFFICE HOURS 4:00 P.M. Friday ( or by appointment)**

### REQUIRED TEXT

Fehrenbach, Margaret J. and Herring, Susan, Illustrated Anatomy of the Head and Neck. 1<sup>st</sup> edition. Philadelphia: W. B. Saunders Company, 2002. ISBN: 0-7216-9363-6.  
Bath- Balogh, Mary and Fehrenbach, Margaret J, Dental Embryology, Histology, and Anatomy. 1<sup>st</sup> edition. Philadelphia: W.B. Saunders Company. 1997. ISBN 0-7216-6687-6.

### A. GRADING CRITERIA

**There will be 12 tests (4 tests from each component)  
Each component will be divided into 500 points as follows:**

#### Embryology and Histology

**5 quizzes= 100 points  
4 tests= 400 points**

#### Head and Neck Anatomy

**5 quizzes= 100 points  
4 tests=400 points**

#### Oral & Dental Anatomy

**4 tests=400 points  
2 lab practs= 100 pts**

### B. GRADING SCALE

93- 100-	1395-1500 pts	A
86- 92	1290-1384 pts	B
78- 85	1170-1289 pts	C
0 – 77	0-1169 pts	F

Each student will be required to complete 100% of all the assigned laboratory procedures.

## COURSE SCHEDULE

### Week 1

Wednesday- January 9- Introduction to Anatomy and Surface Anatomy- Chapter 1 and 2 in Herring pages 3-30. Dr. Bennett

Friday- January 11- Intro to Histology / Overview of cell pages. 91-117 Ms. Bennett

### Week 2

Monday- January 14 - Introduction, Syllabus Oral Cavity and Pharynx - Chapter 2 in BB pages 12-22- Ms. Euler

Wednesday- January 16- Bones- Chapter 3 in Herring pages 31- 63 Dr. Bennett

Friday- January 18- Overview of Prenatal Development- Chapter 3 in BB pages 26-39. Ms. Bennett

### Week 3

Monday- January 21- HOLIDAY

Wednesday- January 23- Bones-(continued) Chapter 3 in Herring pages 63-94 Dr. Bennett

Friday- January 25- Overview of prenatal Development, face and neck- pages 25-57 Mrs. Bennett

### Week 4

Monday- January 28- Overview of Dentitions Chapter 15 in BB pages 213-225. Ms. Euler

Wednesday- January 30 – TEST 1- Dr. Bennett

Friday- February 1- Prenatal Development ( Con't) Chapter 3,4,5

### Week 5

Monday- February 4- TEST 1 – Ms Euler

Wednesday- February 6 - Muscles. Chapter 4 in Herring pages 95- 111 Dr. Bennett

Friday- February 8- Enamel, Chap 12 pg. 164-170. Ms Bennett

**Week 6**

**Monday- February 11- Permanent Anterior Teeth Chapter 16 in BB pages 226-252  
Ms. Euler.**

**Wednesday- February 13- Permanent Anterior Teeth Chapter 16 in BB pages 226-252  
Ms. Euler**

**Friday- February 15- TEST1- Ms. Bennett**

**Week 7**

**Monday- February 18 TEST 2- Ms. Euler**

**Wednesday- February 20- Muscles, Chapter 4 in Herring pages 111-134 Dr. Bennett**

**Friday- February 22- Chapter 13 Dentin, Pulp pages 175-197**

**Week 8**

**Monday- February 25- Permanent Posterior Teeth Chapter 17 in BB pages 254-297  
Ms. Euler**

**Wednesday- February 27- TEST 2- Dr. Bennett**

**Friday- March 1- Periodontium Chapter 14 pages 188-209- Ms. Bennett**

**Week 9**

**Monday- March 4- Permanent Posterior Teeth Chapter 17 in BB pages 254-297.  
Ms. Euler**

**Wednesday- March 6- Blood Supply Chapter 6 in Herring pages 147- 173- Dr. Bennett**

**Friday- March 8- TEST 2- Ms. Bennett**

MARCH 11-15 SPRING BREAK

**Week 10**

**Monday- March 18- TEST 3- Ms. Euler**

**Wednesday- March 20- Temporomandibular Joint Chapter 5 in Herring pages 137-146  
Glandular Tissue Chapter 7 in Herring pages 175-188  
Dr. Bennett**

**Friday- March 22- Oral Mucosa- Chapter 9 in BB pages 120-138 Ms. Bennett**

**Week 11**

**Monday- March 25- Primary Dentition- Chapter 18 in BB pages 298-311 Ms. Euler**

**Wednesday- March 27- TEST 3- Dr. Bennett**

**Friday- March 29- Holiday**

**Week 12**

**Monday- April 1- Occlusion- Chapter 20 in BB pages 319-337 Ms. Euler**

**Wednesday- April 3 Nervous System- Chapter 8 in Herring pages 187-216 Dr. Bennett**

**Friday- April 5- Gingival and Dentogingival Junctional Tissues Chapter 10 in BB pages 139-147 Ms. Bennett**

**Week 13**

**Monday- April 8- Occlusion- Chapter 20 in BB pages 319-337- Ms. Euler**

**Wednesday- April 10- Anatomy of Local Anesthesia- Chapter 9 in Herring pages 216-244 Dr. Bennett**

**Friday- April 12- TEST 3 Ms. Bennett**

**Week 14**

**Monday – April 15 TEST 4 Ms Euler**

**Wednesday- April 17- Lymphatics- Chapter 10 in Herring pages 246-267  
Spread of Dental Infection- Chapter 12 in Herring pages 287- 295  
Dr. Bennett**

**Friday- April 19- Tooth Development and Eruption Chapter 6 pages 61-89 Ms. Bennett**

**Week 15**

**Monday- April 22- Dentin and Pulp- Chapter 13 in BB pages 175-187  
Periodontium: Cementum , Alveolar Bone, and Periodontal Ligament  
Chapter 14 in BB pages 188 to 209 Ms Bennett**

**Wednesday- April 24- TEST 4 Dr. Bennett**

**Friday- April 26- TEST 4- Ms. Bennett**

**PROFESSIONALISM-** The Dental Hygienist 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.**

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 !!!!

#### **ACCOMMODATION STATEMENT**

If you have a documented disability which will make it difficult for you to carry out classwork as outlined and wish to request reasonable accommodations, please notify me or the Support Services Office within the first two (2) weeks of the semester. For more information, call or visit the Support Services Office in the Auxiliary Services Building at (956) 364-4520.

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

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.

**"Class Participation in this course is MANDATORY. Students must maintain a class participation rate of 85% for all daily assignments, class discussions, unit tests, lecture and laboratory quizzes, class projects, and all other assignments, or face a grade of "F" at the end of the term.**

It is the student's responsibility to "W" (withdraw) from the course when he/she feels they cannot meet the class participation standard. This withdrawal process will no longer be initiated by the Instructor.

Students must remain in constant contact with their Instructor to understand what their class participation status is at any time during the term.

Students wishing to Withdraw must file a Schedule Change Form with the Admissions Office.