

## Departmental Course Syllabus

Department: Dental Assisting Program/Allied Health Program Revision Date: June 2009

San Antonio College 1300 San Pedro Nail Technical Center Room 125 San Antonio, TX 78212-4299

Course Number and Title: DNTA 1311 – Dental Science

Credit Hours: Hrs/wk lec 3 Hrs/wk lab 1 Lec/Lab Combo 3/1

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- I. **Catalog Description:** This course is 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.
- II. **Pre-requisites, co-requisites and other requirements:** Admission to the Dental Assisting Program.
- III. **Texts:**
1. Dental Assisting A Comprehensive Approach, Phinney and Halstead, Delmar Publishing, 2008, 3rd Edition.
  2. Workbook to accompany Dental Assisting A Comprehensive Approach, Phinney, Halstead, and Waide, Delmar Publishing, 2008, 3rd Edition.
  3. Stedman's Medical Dictionary for the Dental Professional, Lippincott Williams & Wilkins Publishing's, 2007.
- IV. **Instruction will consist of:** Lectures, DVDs, videotapes, demonstrations, overhead transparencies, student handouts, class participation, evaluated class activity, role playing, and computerized activities. **Students are responsible for checking their PALS e-mail account daily for additional material, bonuses, rebates, links and announcement from Instructor.**
- V. **Course Content:** This course will give any student interested in the area of dentistry, an introduction to head and neck anatomy as well as basic dental terminology.
- VI. **Learning Outcomes and Performance Objectives** with their methods of measurement as used to determine the students' mastery of those outcomes.

***Learning Outcome 1: The student will be able to demonstrate knowledge of anatomical systems and head and neck anatomy.***

Performance Objectives/Method(s) of measurement for each objective:

1. List and explain the anatomical systems.  
Method of measurement: Written examination
2. Explain the importance of head and neck anatomy.  
Method of measurement: Written Examination
3. Identify muscles, nerves and arteries important to dental auxiliaries.  
Method of measurement: Written examination

***Learning Outcome 2: The student will be able to demonstrate knowledge of oral structures, embryology of the teeth, and tooth nomenclature.***

Performance Objectives/Method(s) of measurement for each objective:

1. Identify and explain the oral structures.  
Method of measurement: Written examination
2. Explain embryology of the teeth and their importance to dental practice.  
Method of measurement: Written Examination
3. Identify and explain tooth nomenclature for adults and children.  
Method of measurement: Written examination

**Learning Outcome 3: The student will be able to demonstrate knowledge of physiology and morphology of the deciduous and the permanent teeth along with basic dental terminology.**

Performance Objectives/Method(s) of measurement for each objective:

1. Explain the physiology and morphology of the deciduous and permanent teeth.  
Method of measurement: Written examination
2. List and explain basic dental terminology.  
Method of measurement: Written Examination

(SCANS COMPETENCIES are only required for courses which are a part of an AAS degree plan.)

**SCANS Competencies:** See attached for a list of competencies related to the workplace as outlined by the Texas Higher Education Coordinating Board.

**DNTA 1311 SCANS COMPETENCIES:** C3, C5, C6, C7

**DNTA 1311 SCANS FOUNDATION :** F1, F5, F11, F13, F14, F15, F16

**Evaluation Ratio:**

Exams (multiple choice, short answer, matching, fill in the blank)	80%
Competencies	None
Comprehensive Final Exam	20%

**Departmental Requirement:**

**Unit Examinations:** A student's failure to be present on the day of an exam or competency results in a grade of "0" for that particular exam or competency (**note:** some labs complete more than one competency during the lab).

- **One Make-up Exam per class will be allowed for the Fall 2009 semester with the permission of the course instructor.** Make-up exams are offered at the end of each month (date & time: TBA---September, October and November). Students who miss an exam during the month are to fill out a **request for make-up form** and turn it in.
- ***Make-up exams are the student's responsibility!***
- **NO make-up tests of any kind will be given - **2 weeks** prior to final**
- **All materials turned in must be completed on a word processor**

**Instructor Requirements:**

<u>Examinations</u>	<u>Possible Points</u>
Chapter 9 (Tooth Morphology)	100
Chapter 14 (Manual Charting pgs.269-279)	100
Chapter 14 Practical Charting	<b>100</b>
Chapter 8 (Embryology & Histology)	100
Chapter 7 (Head & Neck Anatomy)	100
Chapter 6 (General Anatomy & Physiology)	100
<b><u>Final Examination</u></b>	100

VII. **Lab Activities & Evaluation**

The following must be completed according to the stated criteria level on each activity/evaluation (A 75% or Better **MUST BE EARNED IN LAB**):

<u>Grade Criteria:</u>	100% All competencies passed 1 <sup>st</sup> attempt 80% All competencies passed 2 <sup>nd</sup> attempt 75% All competencies passed 3 <sup>rd</sup> attempt
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<u>Competency Sheets</u>	<u>Possible Points</u>
None	0
<u>Final Examination</u>	100

**College Policies:**

- VIII. **Course content:** The course content outline is attached to this syllabus.
- IV. **Competencies:** Unit objectives are attached to this syllabus. Criteria-based competency sheets will be distributed in class if applicable.
- V. **Evaluation:** Periodic written examinations and criteria-based competency sheets provided by the instructor will be utilized to evaluate student performance in this course.
- VI. **Absence Policy:** Absences of each student are recorded without exception from the official date of his/her enrollment. The counting of absences begins on the first day of a student's enrollment in the course after classes begin. **A student absent the equivalent of two weeks of instruction in a regular semester may be dropped by the instructor. Both tardiness and early departure from class are forms of absenteeism.** Please see the 2008 -2009 college bulletin for attendance policy.
- VII. **Academic Dishonesty Policy:** Students may be subject to disciplinary proceedings resulting in an academic penalty or disciplinary penalty for academic dishonesty. Academic dishonesty includes, but is not limited to, cheating on a test, plagiarism and collusion. For additional information refer to the "Student Code of Conduct" section in the San Antonio College Bulletin
- VIII. **Software Policy:** Software utilized by students in the course may not be duplicated in any manner.
- IX. **Tutorial and/or help sessions available:** Utilize the instructor's posted office times to schedule an appointment for individual assistance.
- X. **Materials required:** Paper, pen, pencils, high quality eraser, scantron forms, memory stick/ USB Drive, safety glasses, and any materials necessary to complete class work.
- XI. **Children in the Classroom:** The College's policy on children in the classroom is as follows: **"Students are urged not to bring children to either a class or lab. Minors under the age of twelve (12) must not be left unattended on campus."** Due to the hazardous potential within the program, children will not be permitted.
- XII. **Special Accommodations:** Students requiring special accommodations: "As per Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990 should contact the office of Disabled Services, CAC 124C, if accommodations are needed.
- XIII. **Electronic Devices Policy:** Students are *required* to silence all electronic devices (pagers, cellular phones, etc.) When in classrooms, laboratories, the library, or other areas where such devices would interfere with instruction and learning.

**Please Note: Instructor reserves the right to alter this syllabus**