# DENA 103

# Dental Anatomy & Terminology Syllabus – Fall 2011

**2 credit hours**

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| **Instructor** | Tonja Bowcut, CDA  Associate Professor | **E-mail** | [tbowcut@csi.edu](mailto:tbowcut@csi.edu) |
| **Phone** | 732-6708 | **Office Hours** | Vary  Posted by office door |
| **Office** | HSHS 125 | **Class room** | HSHS 105 |
| **Start Date** | August 22, 2011 | **End Date** | December 16, 2011 |

#### Description:

This course provides a foundation in the use of correct dental terminology and oral structures. The student gains the basic knowledge required before entering a clinical site (dental office).

### Pre-requisites & Other requirements:

* Acceptance into the Dental Assisting Program
* Enrolled in co-requisite DENA courses
* Current CPR certification
* Physical & Dental Exam
* Current immunizations and Hepatitis B vaccine

### Text:

Dental Assisting Program Student Handbook

Phinney D., Halstead J., (2008). Delmar’s Dental Assisting: A Comprehensive Approach, Third Edition, ISBN 1-4018-4873-0. Delmar Thompson Learning

Dofka C., (2007). Dental Terminology, Second Edition, ISBN 1-4180-1522-9. Delmar Thompson Learning

Bird D., Robinson D., (2012). Modern Dental Assisting with Multimedia Procedures DVD, Tenth Edition, ISBN 1-4377-1729-7. Elsevier/Saunders

Bird D., Robinson D., (2012). Student Workbook Modern Dental Assisting, Tenth Edition, ISBN 1-4377-2728-9. Elsevier/Saunders

Phinney D., Halstead J., (2011). Dental Assisting Coloring Book, ISBN 1-4390-5931-4. Delmar Cengage Learning

### Course Goals:

1. Use the correct terminology when identifying the landmarks and features of the teeth and surrounding structures.
2. Explain the differences among primary, permanent, and mixed dentitions and describe the general and specific features of each.
3. Demonstrate knowledge of the location of each primary and permanent tooth.
4. Designate teeth using the Universal system, Palmer Notation system, and the ISO/FDI system.

**Course Objectives:**

Upon completion of this course the student will:

1. Define the primary, mixed and permanent dentitions.
2. Define occlusion.
3. Describe the dental arches.
4. Name the types of teeth and describe the function of each.
5. Describe the location of each of the teeth.
6. Name and identify the locations of various tooth surfaces.
7. Describe the difference between anterior and posterior.
8. Identify the structures that make up the palate, floor, and lateral borders of the oral cavity proper.
9. Know the boundaries of the vestibule and the landmarks found within.
10. Name the structures that form the face and hard and soft palates and the mechanisms involved in these developments.
11. Identify the different tissues that compose the tooth.
12. Define each stage of active eruption.
13. Know the difference between clinical and anatomical eruptions.
14. Define single, bifurcated, and trifurcated roots.
15. Recognize how tooth function determines shape, size, and location within the dental arch.
16. Define the terms used to name tooth landmarks.
17. Identify the proximal contact areas.
18. Code teeth using the Universal, Palmer Notation, and ISO/FDI systems.
19. Identify all teeth with a code from any system.
20. Understand eruption schedule of deciduous and permanent teeth.
21. Understand centric occlusion.
22. Understand overjet, overbite, cross bite, and open bite.
23. Understand how the gingival and attachment units function and relate.
24. Identify teeth using anatomy as a guide.
25. Understand periodontal disease.

### Outcomes Assessment:

This course is evaluated through the use of written unit tests, classroom quizzes, assignments from the *Student Workbook to Accompany Torres and Ehrlich Modern* *Dental Assisting, Tenth Edition*, and various projects. Students must maintain a “C” average or 70% throughout the course to pass.

### Attendance:

Attendance is not an option; it is mandatory and is used as a portion of the final grade. Each class period is worth 10 points. Missed portions of class (coming late or leaving early) will result in a 5-point deduction.

### Assignments:

Assignments will be given from the *Workbook to Accompany Torres and Ehrlich Modern Dental Assisting, Tenth Edition* and various other sources, as the instructor deems necessary. All assignments are due at the next scheduled class period, unless otherwise specified. If an assignment is late and an extension has not been issued, 10% of the total points will be deducted each day up to the 5th day. After 5 days the assignment will received 50% of the earned grade.

### Quizzes:

Expect the unexpected! Quizzes will be given routinely. The instructor reserves the right to give a quiz at any given time during the scheduled classroom time with no prior notice. Quizzes may not be made up regardless of the reason missed.

### Examinations:

Written tests will be given at the discretion of the instructor with at least one-week advance notice. If a student notifies the instructor, prior to scheduled class time, of an absence on the day of a scheduled test, the test may be taken in the Testing Center. The earned score will be recorded. If a student fails to notify the instructor of an absence (for any reason) on the day of a scheduled test, the test may be taken in the Testing Center, however seventy-five percent (75%) of the earned score will be recorded. NO retakes on any test are allowed. Tests given in the Testing Center must be taken by the agreed deadline. No exceptions.

**Grading Scale:**

Grades will be calculated in the following manner:

* Attendance – 150 points (10% of final grade)
* Quizzes & Assignments – points to be determined (25% of final grade)
* Tooth Drawings – 450 points (15% of final grade)
* Mid-term Test – 100 to 200 points (25% of final grade)
* Final Test – 100 to 200 points (25% of final grade)

### Resources:

* Campus Testing Center – 2nd floor in the Meyerhoeffer Building
* Open Computer Labs – HSHS Building 238, CSI Library and various other locations across campus
* CSI Library – 1st floor in the Meyerhoeffer Building
* Peer Tutoring Program – 2nd floor in the Meyerhoeffer Building located in the Academic Development Center

For a more complete listing and descriptions please refer to the College of Southern Idaho Student Handbook.

**CSI E-mail**

CSI uses Google Eaglemail.  Since email is the primary source of written communication with students, all registered CSI students get a college email account.  Instructors and various offices send messages to these accounts.  Student e-mail can be accessed from <http://eaglemail.csi.edu> **.** Students must check their **CSI e-mail accounts regularly to avoid** missing important messages and deadlines

**On-line course evaluation statement:**

To help instructors continually improve courses, students are strongly encouraged to go online to [http://evaluation.csi.edu](http://evaluation.csi.edu/) and complete anonymous evaluations which open two weeks before the end of the course and close the last day of class.  When students enter the site, they find evaluations for their enrolled courses. Thank you for this valuable input!

**Disabilities:**

Any student with a documented disability may be eligible for related accommodations.  To determine eligibility and secure services, students should contact the coordinator of Disability Services at their first opportunity after registration for a class.  Student Disability Services is located on the second floor of the Taylor Building on the Twin Falls Campus. 208.732.6250 (voice) or 208.734.9929 (TTY).

**Electronic devices:**

Be respectful. Use of cell phones or other handheld electronic devices of any kind are not allowed in the classroom or lab. These devices should be on vibrate or silent and remain in backpacks, bags or purses during these times. Laptop computers and kindles have a limited use and should only be used with the intent of the providing a conducive learning environment. Misuse of these items can lead to you being asked to leave the classroom and not receiving the points for attendance.

**Other Policies & Procedures:**

The Dental Assisting Student Handbook will be followed for any policy or procedure not outlined previously.