



DENTAL TERMINOLOGY

3-0-3

Date: 07/03/11

COURSE NUMBER: DAT 110

PREREQUISITE(S): None

CO-REQUISITE(S): None

COURSE DESCRIPTIONS This course provides a study of dental terminology as it relates to procedures and techniques used in dental assisting.

TEXTBOOK(S): Dofka, Charline, M., Dental Terminology, 2012.
ISBN 13:978-133-27565-6

REFERENCE(S): NONE

OTHER REQUIRED MATERIALS, TOOLS, AND EQUIPMENT: Computer with Internet access, Internet Explorer 5.0 or higher or other current browser, Java, word processing software (must be able to save Word format), and anti-virus software.

The material provided online is supplemental to the required text.

METHOD OF INSTRUCTION: This course is designed through the use of Blackboard (online).

The blackboard portion of the course will become available to the student the first day of the semester. The internet format allows the student some flexibility in "class attendance".

Attendance is essential to successful completion of this course and thus the student should log into the course a minimum of three times per week. The material provided online is supplemental to the required text.

Blackboard is your online classroom. Here, you will find the following:

Discussion: The discussion section is a general discussion forum used for students to communicate with each other concerning study tips etc. Check here for general class interest.

Course Syllabus - You are currently reading the Course Syllabus. It will be posted in your online classroom to give you an overview of the online classroom setup and the week-by-week schedule for your class.

Assignment and posting of assignment instructions - The Assignment area is where you will upload your completed assignments

Mail: The blackboard e-mail area is where you will post questions or comments to me.

Calendar: The calendar area is used to help you keep up with specific due dates for assignments, quizzes, test and reports that will be posted.

Learning modules: is where I will post assignments, quizzes, summaries, test and other pertinent items for each chapter. This will link to assessments where your test and quizzes will be taken.

Assessment: is where you will complete your quizzes and tests. Refer to blackboard calendar for due dates.

<u>GRADING SYSTEM:</u>	94	-	100	=	A
	85	-	93	=	B
	80	-	84	=	C
	70	-	79	=	D
	Below	-	70	=	F

No course grades will be rounded off.

Final grades in the course will not be rounded off.

<u>GRADE</u>	Chapter Tests (6)	=	55%
<u>CALCULATION</u>	Assignments	=	15%
<u>METHOD:</u>	Quizzes and Reports	=	20%
	Final Exam	=	10%
		=	<u>100%</u>

CONFIDENTIALITY:

All students' e-mail addresses may be available to other students in the class. Although some assignments in an online course may encourage or require peer communication, the instructor will make every effort to protect the confidentiality of any personal communication (for example, grades). However, you should recognize that e-mail and other electronic media are not secure; there is no guarantee of the privacy of your e-mail or other personal information.

**APPROPRIATE
ONLINE BEHAVIOR:**

The use of Spartanburg Community College's website, e-mail service or course management software for creation and/or distribution of material not pertaining to course participation is prohibited and is grounds for dismissal according to College policy under "disruptive behavior." Such actions, include, but are not limited to:

- Inappropriate use of email and discussion boards for:
 - ✓ Harassment
 - ✓ Unlawful solicitation
 - ✓ "Spamming"
 - ✓ "Flaming"
- Use of online editing tools within the course management software to:
 - ✓ Create offensive material
 - ✓ Link to inappropriate materials

**ATTENDANCE
POLICY:**

An electronic e-mail is required from each student to the instructor by the end of the drop/add period. At this time the Instructor will drop the student from the course if it is not received. Except in extenuating circumstances with approval by the division dean, instructors drop students from class when 80 percent attendance is not maintained.

Attendance in an online course is defined by correspondence/interaction as required by the instructor. After the drop/add period, each student will be expected to communicate with the instructor by access to blackboard at least three times per week. After one week of no communication or no access, the student will be dropped from the course.

The Instructor will award a grade of "W" or "WF" based upon the student's academic standing at the last date of attendance, which is defined as the last course log-in. For financial aid and tuition refund purposes, course withdrawals must be initiated by the student.

**ACADEMIC
CONDUCT:**

ACADEMIC DISHONESTY: Students are expected to uphold the integrity of the College's standard of conduct, specifically in regards to academic honesty. All forms of academic dishonesty including, but not limited to, cheating on assignments/tests, plagiarism, collusion, and falsification of information will call for disciplinary action. Disciplinary action imposed may include one or more of the following: written reprimand, loss of credit for assignment/test, termination from course, and probation, suspension, or expulsion from the College. For further explanation of this and other conduct codes, please refer to the Student Handbook.

**CLASS/LAB
PROCEDURES:**

Class/lab

All information concerning assignments and due dates can be located on the course "HOME PAGE" under "Begin Here" icon. Test, Quiz, Assignment and Exam due dates will also be posted on the course calendar.

Assignments

A variety of assignments in the course are designed to assist the student's comprehension and proper use of dental terminology. A complete description of each assignment may be found by clicking on the *Begin Here* icon on the blackboard home page and then by clicking on the Assignment icon.

Any assignment not received by the due date and time will receive a grade of zero (0). Technology is not an excuse for a late submission of an assignment.

Chapter quizzes for the course will be completed in the blackboard portion of the course. Submission of the quizzes will constitute a portion of the "Quiz & Report" grade for the course.

Guidelines for the submission of the quizzes will include due dates and can be located in the course under "**Quiz Information**" after clicking on the "**Start Here**" icon.

Chapter Tests must be taken in the Testing Center (E-3) at Spartanburg Community College. Testing lab hours can be located on the appropriate link on the SCC homepage. A student will need picture **identification** for access to the test.

If the college campus is not convenient, the student may contact the instructor for an alternative testing site at a community/technical college in his/her area.

The student must check the course calendar and/or the "Test Schedule" for availability of the tests. The chapter tests will be available in the Testing center for a period of three days.

If a test is not taken during the specified time frame, the student will receive an exam grade of zero (0).

ACCOMMODATIONS: Students who need special accommodations in this class because of a documented disability should notify Student Disability Services. You may contact Student Disability Services by calling, (864) 592-4811, and toll-free-1-800-922-3679; via email through the Spartanburg Community College web site at www.sccsc.edu/SDS/; or by visiting the office located in the Dan Lee Terhune Student Services Building, room 112 of the Spartanburg Community College campus. By contacting Student Disability Services early in the semester, students with disabilities give the College an opportunity to provide necessary support services and appropriate accommodations.

COURSE
COMPETENCIES &
OBJECTIVES:

Upon satisfactory completion of this course, the student will be able to:

- I. Recognize terms used in a dental practice and associate the need of breaking apart each term into separate parts to combine into difficult words**
 1. Find the dental word.
 2. State the dental word.
 3. Recall the structure of the dental word.
 4. Define the meaning of the dental word.
 5. Pluralize the dental word.
 6. Relate the dental word.

- II. List and locate terms related to the anatomy and oral structures.**
 1. Name and identify the major bones of the face and skull.
 2. Locate the sinus cavities, sutures, processes, and foramina of the skull.
 3. Locate the major structural points of the mandible and explain their functions or purposes.
 4. Recognize the names and locations of the major muscles of mastication and explain.
 5. Recall the principal branches of the trigeminal nerve and explain the functions of each division.
 6. Locate and identify the major blood vessels to and from the cranium.
 7. List and locate the placement and functions of the major salivary glands.
 8. Recall the function of the lymphatic system and the largest agents present in the body.
 9. Locate features in the oral cavity including the labia, frena (frenum), tongue, palate structures, and miscellaneous tissues.

- III. Associate terms related to the formation of teeth**
 1. Classify various dentitions and terms related to them
 2. Recognize each developmental stage of tooth formation from initiation to attrition.
 3. Describe the tissue structures and conditions of the teeth and terms related to them.
 4. Recall the terms related to tissue composition

of the periodontium.

5. Describe terms related to odontology.
6. Describe terms related to landmarks and tooth surfaces.

IV. Define words related to dental professionals and facility setups

1. List terms related various roles of the professionals who render dental care.
2. List and explain the use of the major hand instruments used in dental procedures.
3. List and explain the use of the major rotary instruments used in dental care procedures.
4. List terms related to operative equipment used in dental office environments.

V. List and Describe use of terms related to infection Control

1. List terms related to conditions, causes, sources, and meanings of diseases and pathogens involved in infections and disease related to the dental office.
2. Describe terms involving immunity and methods by which to acquire the various types of immunity.
3. Restate terms important in preventing disease, and list methods used to combat disease and infection.
4. Restate terms related to the action of infectious agents and their method of causing disease.
5. List the principal agencies or government bodies concerned with control of disease.

VI. Recognize terms related to Emergency Care

1. List terms that are importance in prevention of emergencies, procedures to prepare for emergencies, and taking vital signs.
2. List and identify the major equipment and materials needed in emergency prevention and treatment.
3. Define terms related to methods to clear the airway, and define the terms related to CPR
4. List term classifying shock.
5. Recall terms related to common medical emergencies.
6. List and describe the most common medical

emergencies and conditions affecting dental care.

7. Describe the most common emergencies occurring in the dental facility.

VII. Restate terms related to Prevention and Examination

1. State and list terms related to the various procedures necessary to complete an initial examination.
2. Associate terms related to the methods used to exam the oral tissues and the diseases associated with them.
3. Define terms related to the methods used to examine the teeth and the diseases associated with them.
4. List and explain the terms related to various types of tooth and mouth charting techniques
5. Explain various terms related to alginate impressions and the words related to the procedure.
6. Define terms used in preventive education and identify the various methods of home dental care.
7. Explain terms related to the various methods of tooth decay prevention used in the dental office.

VIII. List and explain terms related to Pharmacology and Pain Management

1. Arrange terms related to the meaning of pain and ways to relieve and control pain.
2. Define terms related to anesthesia and differentiate the types and means of sedation.
3. Describe terms related to the meaning of general anesthesia, the various stages encountered in general anesthesia, and the items used for general anesthesia.
4. Define terms related to the study of drug agents, determine the difference between generic and brand names, and name the regulatory bodies concerned with drugs.
5. Reproduce terms related to how the body reacts when processing drugs and the effects of drugs on body systems.
6. List and recognize terms related to the various

- forms in which drugs are delivered.
7. Recognize terms related to the assorted routes and give examples of drug administration.
 8. List and explain terms related to the assortment and classification or families of the common drugs.
 9. Describe and explain terms related to the different parts of a drug prescription and the federal drug regulatory bodies that control drugs.

IX. Develop use of terms related to Dental Radiology

1. Define terms related to the principle of radiant energy and discuss how these Roentgen rays (x-rays) are generated.
2. Associate terms related to the danger of radiation and describe their various effects upon the body.
3. List and give examples of terms related to acceptable methods for radiation protection in the dental facility.
4. List the terms related to the composition of film packets. Describe terms used in the various types of dental radiographs and the qualities necessary for diagnosis.
5. Associate terms related to the methods in use when exposing various dental radiographs.
6. Describe terms related to the methods used to produce a processed dental radiograph.
7. List the terms related to types of radiograph mounts and the system used to place processed films.
8. List and describe terms related to common radiographic errors and the causes for each.

X. Describe terms related to tooth restorations

1. Repeat terms related to the purpose of dental restorations and their classifications. Define the steps in the dental restoration procedure.
2. List terms related to the various methods employed to maintain a dry mouth area during dental preparations.
3. State terms related to the procedure steps in preparing a restorative site prior to the placement of the restorative materials.
4. Explain the terms related to matrix placement

and recall the various types of matrix retainer and their uses.

5. List and recognize the terms related to assorted dental cements, liners, and base materials used in tooth restorations.
6. Indicate terms related to the various types and properties of dental restorative materials used in tooth restorations.

7. Recognize and recall terms related to the methods used to complete, finish, and refine the tooth restoration.

XI. Associate terms related to Cosmetic dentistry

1. Define terms related to the meaning of cosmetic dentistry and the various applications in dentistry.
2. Associate terms related to the reason for tooth whitening and methods used to lighten tooth surfaces.
3. Restate terms related to the procedures used to repair or alter size, shape, and color of teeth by bonding or veneer application.
4. Explain terms related to the various types of cosmetic restorations including inlays, onlays, and crowns.
5. Recognize terms related to the different techniques used to correct damaged tissue and to make an esthetic gum presentation.
6. Describe terms related to the assortment of dental implants and the use and necessity of implant dentistry.
7. Describe terms related to the application of using accelerated orthodontics to improve the adult smile and mouth occlusion.

XII. Define terms related to the Dental Materials

1. Summarize terms related to the various kinds of rigid and elastic impression materials, and give examples of each.
2. Define terms related to the various types of gypsum products used in dentistry and give examples of their uses.
3. Restate the terms related to various kinds of dental waxes and discuss a use for each type

- of wax.
4. Explain terms related to the process of polymerization and the factors that alter or modify the chemical reactions, as well as the uses for the polymer materials.
 5. Describe terms related to the difference between precious and other metals and state uses for the assorted types of gold.
 6. List terms related to the common abrasives and polishing materials used in dentistry and the desired effect of each.
 7. List terms related to the various types of dental cements and state the uses for each type.
 8. Recognize terms related to the various types of descriptive or manipulative characteristics of dental materials.

XIII. List and Review Dental Terms related to Dental Laboratory Procedures

1. Recognize terms related to the professional personnel and the construction of dental prostheses or appliances made in the lab setting.
2. List and define terms related to the assorted machinery and equipment articles necessary for laboratory procedures.
3. Describe terms related to the divisions of denture construction into fixed or removable sections and the major differences between them.
4. List and describe terms related to the assorted appliances that may be included in the partial reconstruction of the oral cavity and dental care.
5. List and describe terms related to the major fixed prosthodontic items, variety of crowns and bridgework available.
6. Describe terms related to the miscellaneous assortment of dental appliances and items used to protect, maintain, or correct dental care.