

University of Nevada Las Vegas

School of Dental Medicine

Course Syllabus

PGDE 8001 – Introduction to Orthodontics

Credit hours: 4

Contact hours: 60

1) GENERAL INFORMATION:

- a. Course Director: Tanya Al-Talib, DDS, MSO, D.ABDSM
- b. Course Director Email: tanya.al-talib@unlv.edu,
- c. Office location: D236
- d. Office telephone number: 702-774-2677
- e. Department: Orthodontics
- f. Designation: Core Curriculum
- g. Type: Required
- h. Day and Time: Wed. 8-10 AM
- i. Location: D-228

2) COURSE DESCRIPTION:

1. This course is an introduction to orthodontics. It provides an overview to conducting patient examination, obtaining orthodontics records, performing record analyses, diagnosing orthodontic patients and treatment planning. In addition, this course introduces residents to orthodontic instruments.
- j. Prerequisites: matriculation into the program and/or at the discretion of the Course Director.

3) LEARNING RESOURCES:

- k. Required text:
 1. Proffit WR, Fields HW, Larson B, Sarver DM. Contemporary orthodontics-e-book. Elsevier Health Sciences; 2018 Aug 6. (6th edition)
 2. Graber, L. W., Vanarsdall, R. L., & Vig, K. W. L. (2012). Orthodontics: Current principles & techniques. Philadelphia, PA: Elsevier/Mosby.
- l. Recommended Text:
 1. Moyers RE. Handbook of orthodontics. Year Book Medical Pub; 1988.
 2. Fletcher F. Pediatric dentistry: infancy through adolescence. British dental journal. 2013 Jun; 214(11):602-.
- m. Other course handouts and journal articles
- n. Presentations

4) PARTICIPATING FACULTY:

Dr. Tanya Al-Talib
Dr. Hill

5) COURSE GOALS AND OBJECTIVES:

At the conclusion of this course, the residents will be able to:

1. Recognize and understand orthodontic terminology
2. Identify and use orthodontic instruments
3. Identify skeletal and dental problems and malocclusions
4. Obtain necessary records and analyze these records
5. Diagnose orthodontic patients
6. Treatment plan orthodontic patients

6) EVALUATION:

- o. Grading Scale:
A= 90-100
B= 80-89
F≤79
- p. Residents' grades will be based on attendance, punctuality, quizzes, final exam resident presentations and faculty assessment of resident participation in class.
- q. Posting/Notification of Grades: Grades will be posted on my UNLV
- r. The UNLV SDM Student Handbook, III: UNLV School of Dental Medicine Student Code of Professional Responsibilities and Appendices outline the professional behavior expected of all pre-doctoral and postdoctoral students attending UNLV SDM. Failure to act in a professional manner, as determined by faculty, may affect a course grade. Unprofessional conduct may result in failure of the course.

7) COURSE SCHEDULE (INSTRUCTIONAL SESSIONS):

Classes will be held in **Ortho residents' room D-229, Building D on Wednesdays 8-10 AM** from August 24, 2023- December 15th, 2023.

Session	Seminar topic	Faculty/ Reading Assignment
Session 1 7/5/2023 8AM-5PM	Ortho camp	Dr. Hill
Session 2 7/6/2023 8AM-5PM	Ortho camp	Dr. Hill
Session 3 7/7/2023 8AM-5PM	Ortho camp	Dr. Al-Talib
Session 4 7/10/2023 8AM-5PM	Ortho camp	Dr. Hill
Session 5 8/1/2023 8AM-5PM	Clinical Procedures	Dr. Al-Talib

Session	Seminar topic	Faculty/ Reading Assignment
Session 6 8/23/2023 8-10 AM	1. Introduction 2. The Etiology of Orthodontic Problems 3. Orthodontic instruments	1. Dr. Al-Talib 2. Chapter 5 (Proffit) 3. Dr. Al-Talib
Session 7 8/30/2023 8-10 AM	Quiz Orthodontic Diagnosis- The problem- oriented approach	Chapter 6 (Proffit)
Session 8 9/6/2023	No class- DDS interviews	
Session 9 9/13/2023	Orthodontic Treatment planning- From Problem List to Specific Plan	Chapter 7 (Proffit)
Session 10 9/20/2023 8-10 AM	Quiz Upper Airway, Cranial Morphology, and Sleep Apnea	Chapter 12 (Graber)
Session 11 9/27/2023 8-10 AM	The Biologic Basis of Orthodontic Therapy	Chapter 8 (Proffit)
10/4/2023	CODA site visit- No class	
Session 12 10/11/2023 8-10 AM	Quiz Mechanical Principles in Orthodontic Force Control	Chapter 9 (Proffit)
Session 13 10/18/2023 8-10 AM	Contemporary Orthodontic Appliance	Chapter 10 (Proffit)
Session 14 10/25/2023 8-10 AM	Quiz Moderate Nonskeletal Problems in Preadolescent Children	Chapter 11 (Proffit)
Session 15 11/1/2023 8-10 AM	Complex Nonskeletal Problems in Preadolescent Children	Chapter 12 (Proffit)

Session	Seminar topic	Faculty/ Reading Assignment
Session 16 11/8/2023 8-10 AM	Quiz Treatment of Skeletal Transverse and Class III Problems	Chapter 13 (Proffit)
Session 17 11/15/2023 8-10 AM	Growth Modification in Class II, Open Bite, Deep bite, and Multidimensional Problems	Chapter 14 (Proffit)
11/22/2023	No Class Thanksgiving Break	
Session 18 11/29/2023 8-10 AM	Quiz Comprehensive Treatment of Adolescents- Alignment and Vertical Problems	Chapter 15 (Proffit)
Session 19 12/6/2023 8-10 AM	Comprehensive Treatment of Adolescents- Space Closure and Class II/ Class III Correction	Chapter 16 (Proffit)
Session 20 12/13/2023 8- 10AM	Comprehensive Treatment- Finishing Final Due by 10:00AM	Chapter 17 (Proffit)

8) SPECIFIC CLASS POLICIES AND PROCEDURES

- a. Attendance Policy: Punctual attendance is required. Absences will be approved only for reasons of illness or emergencies of the student or immediate family, religious observance, and participation in approved activities, such as those involving national organizations and professional activities. Family reunions, days off for recreation, travel, social events, additional vacation etc. are not reasons for approved absence. Students can be administratively dropped from the class after 4 absences without notification. As a general rule, a student missing a class or examination because of observance of a religious holiday shall have the opportunity to make up missed work. Students must notify the course director of anticipated absences on the first day of class to be assured of this opportunity. Students who represent UNLV at any official extracurricular activity shall also have the opportunity to make up work, but the student must provide official written notification to the course director no less than one week prior to the missed class (es). There will be NO make-up examinations given if you miss a quiz or examination exam for any other reason. You will receive a zero (0) grade for that examination which will be used in the calculation of your final grade.

The methods of evaluation for each module are at the discretion of the module coordinator. For general course policies, see the UNLV School of

Dental Medicine Student Handbook.

- b.** Other Class Specific Policies: the residents are required to prepare for class by reading all material ahead of time. It is a faculty member's discretion and prerogative to determine what is and is not acceptable behavior in his or her classroom (e.g., late arrival, wearing hats). Also, classroom occupants are at the discretion of the instructor (per UNLV General Counsel). In this course, students are expected to present themselves and behave in a professional manner. Students are expected to comply with the dress code appropriate for non-clinical academic settings as detailed in the Student Manual.

NO electronic or recording devices of any kind other than computers are allowed to be operative in any class session. **Amongst the devices not allowed is any IPAD, IPOD or Mp3 device, any cell phone, any video recording device, any PDA or any other electronic device not mentioned but possessing the same capabilities.** The only exception to this rule is that students may use audio recording devices with the expressed written permission of the course director.

The class schedule is subject to change by the course director in the event of unforeseeable circumstances (such as instructor illness). Students will be notified of any changes by e-mail, announcements on WebCT, or other means.

Course Content: Students will be examined on both verbal and written information given by instructors. This includes materials presented in lectures, discussions, clinical case studies, assigned readings from journals or textbooks, other assignments, and handouts.

9) UNIVERSITY WIDE POLICIES/PROCEDURES

- 1. Disability Resource Center (DRC)**—The UNLV Disability Resource Center (SSC-A 143, <http://drc.unlv.edu/>, 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours so that you may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor in front of others to discuss your accommodation needs.
- 2. Copyright**--The University requires all members of the University Community to familiarize themselves **with** and to follow copyright and fair use requirements. **You are individually and solely responsible for violations of copyright and fair use**

laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws. Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: <http://www.unlv.edu/provost/copyright>.

3. **Religious Holidays Policy**—Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. **It shall be the responsibility of the student to notify the instructor within the first 14 calendar days of the course for fall and spring courses (excepting modular courses), or within the first 7 calendar days of the course for summer,** of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit: <http://catalog.unlv.edu/content.php?catoid=6&navoid=531>.

4. **Falsification of Documents or Other Information:**

The UNLV Student Conduct Code and the UNLV School of Dental Medicine prohibits the forgery and falsification of any documents or records. This includes, but is not limited to, the forging, altering, misusing, providing or causing any false information to be entered on ANY University or School of Dental Medicine PRINTED OR ELECTRONIC documents, records (including patient records), or identification cards. The falsification of data, improper assignment of authorship of school work or other scholarly activity, claiming another person's work as one's own, unprofessional manipulation of experiments or of research procedures, or misappropriation of research funds will not be tolerated. Commission of any act of forgery or falsification as described will result in disciplinary action and sanctions as stated in the School of Dental Medicine Honor Code.

5. **Academic Misconduct**—Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV's function as an educational institution. An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the *Student Academic Misconduct Policy* (approved December 9, 2005) located at: <https://www.unlv.edu/studentconduct/student-conduct>.

6. **E-Mail:**

By policy, faculty and staff should e-mail students' SDMail accounts only. SDMail is UNLV SDM's official e-mail system for students. It is one of the primary ways students receive official SDM communication such as information about deadlines, major campus events, and announcements. All UNLV SDM students receive a SDMail

account after they have been admitted to the UNLV SDM. The suffix is always @sdm.unlv.edu. **Emailing within WebCampus is acceptable and AxiUm is acceptable.**

7. Consensual Relationships:

UNLV prohibits romantic or sexual relationships between members of the university community when one of the individuals involved has direct professional influence or direct authority over the other. For further information, go to <http://hr.unlv.edu/Policy/consensual.html>.

8. UNLV Writing Center—One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 702-895-3908. The student's Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: <http://writingcenter.unlv.edu/>.

9. Tutoring and Coaching—The Academic Success Center (ASC) provides tutoring, academic success coaching and other academic assistance for all UNLV undergraduate students. For information regarding tutoring subjects, tutoring times, and other ASC programs and services, visit <http://www.unlv.edu/asc> or call 702-895-3177. The ASC building is located across from the Student Services Complex (SSC). Academic success coaching is located on the second floor of the SSC (ASC Coaching Spot). Drop-in tutoring is located on the second floor of the Lied Library and College of Engineering TEB second floor.

10. Incomplete Grades—The grade of I—Incomplete—can be granted when a student has satisfactorily completed three-fourths of course work for that semester/session but for reason(s) beyond the student's control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester for undergraduate courses. Graduate students receiving "I" grades in 500-, 600-, or 700-level courses have up to one calendar year to complete the work, at the discretion of the instructor. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

11. Academic Misconduct—Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct

themselves in a manner compatible with UNLV's function as an educational institution.

An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the *Student Academic Misconduct Policy* (approved December 9, 2005) located at: <https://www.unlv.edu/studentconduct/student-conduct>.

- 12. Library Resources**--Students may consult with a librarian on research needs. For this class, the subject librarian is

https://www.library.unlv.edu/contact/librarians_by_subject. UNLV Libraries provides resources to support students' access to information. Discovery, access, and use of information are vital skills for academic work and for successful post-college life. Access library resources and ask questions at <https://www.library.unlv.edu/>.

- 13. Transparency in Learning and Teaching**—The University encourages application of the transparency method of constructing assignments for student success. Please see these two links for further information: <https://www.unlv.edu/provost/teachingandlearning>; <https://www.unlv.edu/provost/transparency>

- 14. Mentoring**—UNLV SDM has a mentoring program offered through the Office of Student Affairs. This program is administrated by the Assistant Dean of Student affairs. If you are having difficulty or need assistance explore the availability of peer mentoring through Student Affairs.

- 15. Any other class specific information**—(e.g., absences, make-up exams, status reporting, extra credit policies, plagiarism/cheating consequences, policy on electronic devices, specialized department or college tutoring programs, bringing children to class, policy on recording classroom lectures, etc.)