ECO Syllabi Administrative Practices

For further information on any of the practices listed below, consult the UFCD Student Handbook, https://dental.ufl.edu/education/dmd-program/teaching-resources-forms/and the UF Attendance Policies, https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies .

A. Attendance

Student attendance during school hours (7:25 am - 4:55 pm) is required on all days officially scheduled on the annual school calendar.

In general, acceptable reasons for absence from or failure to participate in class include illness, serious family emergencies, special curricular requirements (e.g., professional conferences), military obligation, severe weather conditions and religious holidays. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons may also be approved with advance notice. For any deviation from this policy, the procedures described in the *UFCD Student Handbook* must be followed. Leaves of absence will be handled on a case-by-case basis. Students must obtain signed approval from each course director for any non-emergency absence. Students with an absence must report to the course director within 48 hours of their return to arrange for any necessary make-up. While some course directors will not mandate attendance for lectures, attendance is mandatory for all preclinical (lecture & laboratory) sessions, clinical sessions, all intramural and extramural rotations, special education events, testing sessions, and lectures/seminars mandated by the course director. Student reporting an absence to an extramural clinic rotation must contact the Office of Education **and** the designated clinic through the contact number in the syllabus. Third and fourth year students must use personal days for all other absences.

B. Dress Code

The dress code shall apply to all students while in the Health Science Center during usual business hours, from 7:30 a.m. - 5:30 p.m. Monday through Friday. The dress code will apply to all usual academic activities, including didactic lectures and exams, preclinical simulation classes, and clinical patient care activities during the four-year curriculum, and includes wearing their UFID badge. For special events and invited presentations by nationally recognized experts, the event organizer may require that students wear business attire

C. Email Policy

Within the College of Dentistry, email is the primary mode of communication between faculty, administration, staff, and students. Students are required to check their email daily, on all scheduled school days. A Gatorlink account is required as each student's primary email address.

D. Professional Behavior

The College of Dentistry expects all dental students to be professionals in their dealings with patients, colleagues, faculty and staff and to exhibit caring and compassionate attitudes. Professionalism encompasses altruism, accountability, compassion, duty, excellence and respect for others. Attitudes and behaviors inconsistent with compassionate care, refusal by or inability of the student to participate constructively in learning or patient care, derogatory attitudes or inappropriate behavior directed at patient groups, peers, faculty or staff, or other unprofessional conduct can be grounds for dismissal.

E. Student Responsibilities

1. It is both the responsibility of the students and faculty to ensure the focus for learning in the class is maintained at all times. Students who cannot conduct themselves appropriately should be asked, by the teacher, to the leave the room.
2. All audible communication devices, i.e. cell phones should be turned off before entering the classroom.
3. Students are expected to complete all assigned readings before class and be prepared to answer questions related to the assigned material.
4. Learning is an active behavior. Accordingly, students are expected to participate in all discussion.
5. Laptop computers may be used for note-taking or accessing course-related materials during lectures and class sessions. Violations of this policy, such as sending or reading emails or text messages, accessing websites unrelated to the course, or use of the computer for purposes other than for the class in progress will result in students being asked to leave the class.
6. Students must request permission of each faculty member prior to tape recording a class session.

F. Academic Honesty and the Student Honor Code

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (sccr.dso.ufl.edu/process/student-conduct-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

G. Peer Tutoring Program

For didactic courses students have access to tutoring services upon request to the Office of Advocacy and Inclusion. For psychomotor courses, the Course Director must recommend students to the tutoring program and notify the Office of Advocacy and Inclusion through email. Once a peer student is assigned, the requesting student has the responsibility to contact the tutor, develop a schedule and an activity plan that is reported to the Office of Advocacy and Inclusion.

H. Americans with Disabilities Act (ADA) - Student Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center, https://disability.ufl.edu/ by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the Assistant Dean of Advocacy and Inclusion when requesting UFCD accommodations. Students receiving testing accommodations must notify the Course Director to receive designated testing conditions. When scheduling conflicts prohibit

synchronous testing, the examination will be scheduled prior to the regular examination time and the Course Director notified.

I. Post-Examination Review

To facilitate and reinforce effective learning, dental students are encouraged to review any omission in knowledge through an exam review immediately following the exam (unless the Course Director indicates otherwise). Following thorough analysis of the test items and adjustment for any identified aberrant items, the individual examination scores are posted in the grade book feature of ECO.

J. Grading System

Student performance in academic coursework and clinical requirements is evaluated by letter grades (A to E). The S/U grading system is used for select courses so designated by the College and for all elective courses. Grade point averages will be derived from the numerical equivalents of the letter grade. For example, a grade of A for a three-hour course yields 12 grade points.

Passing Grades - Grade points:

Letter Grade	Grade Point
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
D	1.00
S	None

A grade of S is equal to a C or better grade, but is not calculated in the grade point system.

Failing Grades:

E	Failure	A failing grade awarded in any course will remain on the permanent record if the student fails to successfully remediate the course and is equivalent to 0.0 grade points. Any grade achieved after re-enrollment in the course will be listed separately.

U	Unsatisfactory	A failing grade assigned only when an entire course is graded S/U. No grade points are calculated and course credit is not awarded.

Non-Punitive Grades (no grade point value):
W:Withdrew: Assigned for any course dropped when the student was in good academic standing. This grade requires College approval and is assigned to students withdrawing enrollment due to personal and/or medical problems resulting in an excused extended leave of absence.
WF:Withdrew Failing: Assigned to any course dropped when the student was not in good academic standing.
I:Incomplete: Assigned to a student who is capable of achieving a passing grade in the course but who could not complete the course requirements because of extenuating circumstances. Arrangements must be made with the course director to complete the work by the end of the next semester or earlier. This grade must be rectified by the end of the next semester. An I grade may be assigned at the discretion of the course instructor as an interim grade for a course in which the student has (1) completed a major portion of the course with a passing grade, (2) been unable to complete course requirements prior to the end of the term because of extenuating circumstances, and (3) obtained written agreement from the instructor as to the arrangements for resolution of the incomplete grade. Instructors are not required to assign I grades.

More information on UF Grading policies can be found at Grades and Grading Policies.

K. Remediation

Students failing any course will be awarded an "E" grade, referred to the Student Performance Evaluation Committee (SPEC), and automatically placed on academic probation. The student must meet with the course director to develop a remediation plan within one week of notification of the failing final grade. The remediation activities are at the discretion of the course director and may consist of a comprehensive examination with emphasis on those areas in which the student failed to achieve a grade of "C" or better. Faculty are available to assist students preparing for this examination, but the responsibility for learning the material resides with the student. The remedial activity will include no formal instruction. The time and place of the remediation examination will be arranged individually. Please note that if the course director determines that the student failed the coursework to such an extent that remedial activities would be inadequate to attain an acceptable level of academic achievement in the course material, the course director can recommend that the student repeat the course in lieu of remedial activity.

The passing grade in the remediation program is a "C"; however, the highest grade attainable in a remediated course is a "D". Students failing to satisfactorily complete the remediation program will maintain the "E" grade and be referred to SPEC for consideration for dismissal or retracking. Re-enrollment will be as soon as deemed feasible by the course director in concert with the Associate Dean for Education and the SPEC. The highest final grade attainable when repeating a course in its entirety is an "A." Students failing to satisfactorily complete a course at the second offering will be referred to SPEC for further evaluation and possible action. A failing grade awarded in any course will remain on the permanent record. Any grade achieved after re-enrollment will be listed separately.

L. Student Evaluation of Instruction

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. “Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/ . Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/ . Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.”

M. Complaint Process

External complaint process:

The University of Florida's DMD program is accredited by the Commission on Dental Accreditation (CODA). If a student, faculty, patient or other individual has any complaints or concerns about the college's accredited educational programs, those issues and concerns can be directed to the Commission.

CODA will review complaints that relate to the program's compliance with the accreditation standards. The Commission is interred in the sustained quality and continued improvement of dental and dental-related education programs but does not intervene on behalf of individuals or act as a court of appeal for individuals in matters of admission, appointment, promotion or dismissal of faculty, staff or students.

A copy of the appropriate accreditation standards and/or the Commission's policy and procedure for submission of complaints may be obtained by contacting the Commission at 211 East Chicago Avenue, Chicago IL 60611 or by calling 1-800-621-8099 extension 4563.

Internal complaint process:

1. Informal: UFCD recognizes that health care professionals should learn to address disagreements and conflicts in a mature and responsible manner. Often relational problems may be resolved best informally between the parties involved. Students who wish to make a complaint about an issue related to the College of Dentistry should first contact their class president, vice president, or Student Affairs committee representative. The class officer can advise the student on how to best seek resolution. Oftentimes, the class officer has heard the same complaint from other classmates and will then proceed by advocating for their class as a whole rather than for one individual. Class officers may seek the help of their Class Advisor or TEAM leader. Students who do not feel comfortable discussing their concern with their class officers should discuss the complaint with the Assistant Dean for Diversity and Inclusion, or Associate Dean for Education.

2. Formal: If the informal procedure has been followed and a student still feels the issue is unresolved the student may initiate a formal complaint. This process may be accessed at: dental.ufl.edu.

N. Health and Wellness

U Matter, We Care: If you or someone you know is in distress, please contact https://umatter.ufl.edu, 352-392-1575, or visit umatter.ufl.edu/ to refer or report a concern and a team member will reach out to the student in distress.

Counseling and Wellness Center: Visit counseling.ufl.edu/ or call 352-392-1575 for information on crisis services as well as non-crisis services.

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit shcc.ufl.edu/.

University Police Department: Visit police.ufl.edu/ or call 352-392-1111 (or 9-1-1 for emergencies).

UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; ufhealth.org/emergency-room-trauma-center.

O. Electronic Course Material and Social Media

Recordings are for educational use only and are to be considered confidential. No recorded lecture material, university maintained or otherwise, may be shared (e.g., copied, displayed, broadcast or published) with any individual or organization within or outside the UFCD without prior written permission from the lecturer and without giving proper attribution. UFCD will take reasonable measures to prevent the inappropriate use of such recordings by individuals with access to the web site on which the recorded lectures are posted, but cannot guarantee against possible misuse. This prohibition includes placing the recording on any web page or the Internet for use by, or access to, any person, including the student. In addition to any legal ramifications, misuse of recordings will be considered as unprofessional behavior and appropriate disciplinary action will be taken according to UF policy and procedures. Materials contained within lectures may be subject to copyright protection. Please review Copyright Information for more information.

Unauthorized Recordings. A student shall not without express authorization from the faculty member and, if required by law, from other participants, make or receive any recording, including but not limited to audio and video recordings, of any class, co-curricular meeting, organizational meeting, or meeting with a faculty member. Refer to Student Conduct & Honor Code for more information.

Social Media

Social networks provide fun and exciting ways to connect with others who share common interests. Use of social media, even in a personal capacity, must comply with state and federal law concerning intellectual property, restricted records, and patient information. Text, photos, videos, and other material posted on social media pages, including personal ones, should be in keeping with generally accepted professional and/or ethical standards for one's field(s) of work and/or study. For example, patient information, even if it has been "de-identified" may not be posted. This includes photos or videos as part of medical, research, or other international humanitarian educational experiences. UF has explicit student guidelines to permit appropriate use of social media, while prohibiting conduct through social media that is illegal or against University of Florida policy or professional standards. Refer to UF Social Media Use, Guidelines and Policy Implications for more information.

DEN5405C: Preclinical Operative Dentistry I/Biomaterials
Spring 2020

Course Description:
This is the first course in a series of three courses which introduces fundamental concepts of operative dentistry emphasizing biomaterials science and its clinical application. Minimally invasive dentistry principles, direct and indirect restorative materials and ergonomics will be introduced focusing on development of psychomotor skills, self-assessment and clinical judgment.

I. General Information

Course Director: Ana Paula Dias Ribeiro
Office: D9-16B
Email: aribeiro@dental.ufl.edu
Phone: (352) 294-8285
Course Credits: 4
Semester: Spring
Office Hours: Mondays from 1pm to 3 pm

Contributing Faculty

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Support Staff

Michelle Burton	(352) 273-6904	MHOPKINS@dental.ufl.edu	TA / Grade Administrator
Margeaux C Johnson	(352) 273-5948	MJohnson@dental.ufl.edu	TA / Grade Administrator
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Benjamin J Mertz	(352) 273-6589	BMertz@dental.ufl.edu	TA
Kleada Novak	(352) 392-5500	kleadanovak@ufl.edu	TA
Marilyn Vaughn	(352) 294-5499	MVaughn@dental.ufl.edu	TA

Prerequisite course: DEN5404C: Dental Anatomy and Stomatognathics

II. Course Goals
This course is the first in a series of three courses, which are designed to provide the student with fundamental basic knowledge in Operative Dentistry focusing on the etiology, prevention, diagnosis and treatment of dental caries and its sequelae. Hand skills development in the preparation and restoration of Class I and Class II carious lesions will be particularly emphasized using concepts of minimally invasive dentistry.

This course also includes an introduction in dental biomaterials, which is designed to teach basic principles, material properties, direct and indirect pulp capping procedures, and the use of amalgam to restore single and multi-surface carious lesions. Since Operative Dentistry and Biomaterials contribute to a major portion of the general practice of dentistry, it is important to concentrate early in the curriculum in developing excellent clinical skills and efficiency to provide optimal patient care. Such skill and efficiency are essential components for a successful dental practice.

Finally, students will learn and practice essential ergonomics for the dental practitioner designed to prevent the occurrence of musculoskeletal injury during the practice of dentistry. These skills include positioning of the operator, assistant, and patient, as well as lighting techniques, in order to maximize visibility and access to all areas of the oral cavity and to minimize operator fatigue.

III. Course Overview

Direct instruction (lectures) and simulation labs are used in this course to introduce fundamental concepts related to Operative Dentistry. The course will be divided into four modules:

1- Introduction to Operative Dentistry;

2- Class I: Preparing and Restoring

3- Class II: Preparing and Restoring

4- Clinical case scenario- integrating the knowledge.

Successful completion of this course is required to progress to DEN6407C: Preclinical Operative II. It is a required pre-requisite.

IV. Course Outline

1. Introduction to Operative Dentistry
2. Dental Instruments and Nomenclature
3. Fundamentals of Tooth Preparation
4. Isolation of the Operating Field
5. Pulp Biology and Protection
6. Class I and Class II didactic preparations and restorations with amalgam
7. Dental Biomaterials
    a. Introduction to dental biomaterials
    b. Amalgam
    c. Materials for pulp protection and protective restorations

8. Restoration failures/Physical properties

9. Ergonomics: Patient, Operator and Assistant Positioning

V. Course Material

Required textbooks: Textbooks can be ordered online or rented/purchased in the Health Science Center bookstore on the ground floor next to the Post Office. Students also have access to e-versions through the Dental Lib Guide link.

Dental Lib Guide: http://guides.uflib.ufl.edu/dental

1. "Summitt's Fundamentals of Operative Dentistry - A Contemporary Approach" by Hilton TJ et al, 4th ed., 2013. ISBN-13: 978-0867155280

2. "Phillips' Science of Dental Materials" by Kenneth J. Anusavice; H. Ralph Rawls; Chiayi Shen.;12th ed., Elsevier, 2012. ISBN-13: 978-1437724189

3. "Pulp-Dentin Biology in Restorative Dentistry" by Ivar A. Mjor, Quintessence books, 2002. ISBN-13: 978-0867154122

Other Resources:

Operative dentistry and dental biomaterials presentations, reading assignments and handouts will be posted on ECO or Canvas. http://lss.at.ufl.edu

VI. Course Objectives

The material in this course will be presented in lecture, online, laboratory, and self-study formats. Students will demonstrate application of this knowledge to the practice of dentistry:

1. Dental Instruments

- Describe the indications and reasons for using both rotary and hand instruments in cavity preparations.
- Explain the instrument classifications and instrument use, instrument grasps and Black's formula.
- Describe the sharpening and care of hand instruments.
- Describe rotary cutting instruments in reference to the following: design features and construction, shapes, sizes, numbering, functional characteristics, care and maintenance.

2. Isolation of the Operating Field

- Describe the rationale for using the rubber dam and other isolation techniques.
- Demonstrate the proper placement and use of the rubber dam, clamps, gingival retractor and frame to achieve field isolation.

3. Prevention, Diagnosis and Treatment of Class I and II carious lesions

- Demonstrate ability to execute conservative tooth preparations and placement, adaptation, and carving of dental amalgam restorations.

- Demonstrate the ability to execute non-conservative tooth preparations and placement, adaptation, and carving of dental amalgam restorations.
- Describe the pulp-dentin reactions to dental caries and to cavity preparations.

4. Dental Biomaterials

- Describe the structure of materials and explain how inter atomic bonds influence physical/mechanical properties of dental materials.
- Discuss the importance of the evolution of dental amalgams and contrast the different compositions.
- Identify the setting reactions among different types of dental amalgam and explain how these differences relate to clinical performance.
- Explain how differences in amalgam alloy particle shape affect some differences in mechanical properties as well as in handling characteristics.
- Describe how corrosion rather than creep causes marginal failures of different amalgam types.
- Discuss concerns about the use of dental amalgams, and explain why amalgams as restorative materials have been banned in some countries.
- Demonstrate the conversation that you would have with a patient that is concerned about amalgam safety.
- Analyze critically the clinical situations which amalgam will be indicated and how the preparation should be designed for that specific situation.

5. Ergonomics

- Describe the correct operator, patient and chairside assistant positioning for accomplishing clinical procedures in any given segment of the oral cavity.
- Describe and demonstrate lighting techniques that allow for optimum visibility in either the maxillary or mandibular arches.
- Demonstrate the management of the air/water syringe to achieve clear access and visibility during an operative procedure on a mannequin or patient with or without a chairside auxiliary.
- Demonstrate the positioning of the high velocity suction tip during an operative procedure on a mannequin or patient with or without a chairside auxiliary.
- Perform an operative procedure efficiently using the principles outlined in a preclinical simulation.

VII. Evaluation

This course teaches to the following competencies in the *"Competencies for the New Dental Graduate".*

Domain VI: Patient Care - A. Assessment, Diagnosis, and Treatment
12: Patient Assessment, Diagnosis, Treatment Planning and Informed Consent: Provide oral health care within the scope of general dentistry to include patient assessment, diagnosis, comprehensive treatment planning, prognosis, and informed consent.

Domain VI: Patient Care - B. Establishment and Maintenance of Oral Health
17: Provide oral health care within the scope of general dentistry to include restoration of teeth.

Evaluation of student performance will consist of:

1) Didactic testing in the form of written quizzes and exams, and
2) Psychomotor exams

Written Quizzes

Quizzes related to the Operative Dentistry portion of this course will be unannounced and will cover the assigned reading for the day and any material related to the topic at hand which was previously covered in lecture or laboratory. There will be a minimum of five and a maximum of eight quizzes scheduled during the lecture/sim lab sessions of this course. The quiz with the lowest score will be dropped from each student's accumulated quiz total when determining course final grades. If a student misses a class for any reason, that quiz will be the one dropped.

Quiz questions will include multiple choice, T/F, matching, or short/long answer items.

Written Examinations.

There is a total of two written examinations, a midterm and a final exam.

- The first written exam will cover all course material given up to the respective exam date.
- The second written exam will be cumulative including all course material given up to the date of the second exam.

Written examinations questions will include multiple choice, patient-box, T/F with a 4 answer item, matching, or short answer items.

Psychomotor Examinations. Four psychomotor exams are scheduled in this course (see course schedule). These practical exams will require tooth preparations and/or restorations using amalgam. The scores of these exams will be included in determining the final course grade.

The grade for each psychomotor exam will be determined by the average of points received, which will be converted into percentages as determined by the ***Operative Division***

Psychomotor Grade Scale. Student performance is evaluated by an orderly decision-making process. Procedural items are scored 4, 3, 2, or 1 against defined criteria.

- A 4 indicates that the criteria were met at a superior level
- A 3 indicates that the criteria were met at an acceptable level
- A 2 indicates that modifications are necessary to achieve an acceptable level
- A 1 indicates that the outcome was measured to be at an unacceptable level

For each criterion an evaluative modifier (+) can be assigned to a 1, 2, or 3 grade to indicate that the student identified an error prior to faculty evaluation. Proper terminology and specific locations of all errors must be noted by the student in writing. General non-specific statements will not justify a (+) modifier.

A “1” or "1+" score on any of the criteria on a psychomotor exam will result in a failing grade. The percentage assigned is 65% or the actual score, whichever is lower, when a score of 1 is given. The percentage assigned is 70% or the actual score, whichever is lower, when a score of 1+ is given.

Points are calculated as follows:

- 4 = 4 points
- 3+ = 3.25 points
- 3 = 3 points
- 2+ = 2.25 points
- 2 = 2 points
- 1+ = 0.25 point
- 1 = 0 points

RDS Psychomotor Grade Scale

RDS Grade Scale		Assigned Psychomotor Exam Grade	
	%	Points	%
A	95-100	4.0	100
		3.9	98
		3.8	96
A-	90-94.99	3.7	94
		3.6	92
B+	86-89.99	3.5	91
		3.4	89
B	82-85.99	3.3	87
		3.2	85
B-	80-81.99	3.1	83
		3.0	81
C+	74-79.99	2.9	79
		2.8	77
C	72-73.99	2.7	75
		2.6	73
		2.5	72
E	<72	2.4	71
		2.3	70
		2.2	69
		2.1	68
		2.0	67
		1.9	65
		1.8	62
		1.7	58
		1.6	55
		1.5	51
		1.4	48
		1.3	44
		1.2	41
		1.1	37
		1.0	34
		0.9	30
		0.8	27
		0.7	23
		0.6	20
		0.5	16
		0.4	13
		0.3	9
		0.2	6
		0.1	2
		0.0	0

Students who fail a psychomotor exam *are required to participate in a reassessment process at the end of the course. The reassessment will not change the previous grade obtained in the psychomotor exam or affect the final course grade. It is essential that the skills taught in this course be demonstrated at an acceptable level before advancing to the next course and into clinical patient care.*

Daily Laboratory Formative Feedback. Daily project will be assessed by the student first and then by the faculty. The intent is to teach the student to self-assess his/her work accurately in order to help them identify gaps in skill and/or knowledge and target areas that need improvement.

Assigning Grades. The final course grade will be determined based on the following:

1. Didactic component - 45% (40% written exams + 5% quizzes)

- Exam 1: Operative & Biomaterials - 20%
- Exam 2: Operative & Biomaterials - 20%
- Quizzes/Assignments: 5%

2. Psychomotor component - 55% (psychomotor exams)

Exam #1: Psychomotor I - Class I amalgam tooth preparation- 13.75%
Exam #2: Psychomotor II - Class II amalgam preparation - 13.75%
Exam #2: Psychomotor III - Class II amalgam restoration - 13.75%
Exam #3: Psychomotor IV - Class II complex preparation and restoration – 13.75%

Final Grade - 100%

Important: There will be no make-up quizzes. One quiz can be dropped.

Missed written or psychomotor examinations will require a doctor's note, and if excused,

- the written make-up exam will be either an essay or oral examination,
- the psychomotor make-up exam will be a similar to the scheduled examination but may include different teeth and/or surfaces.

The make-up examination must be scheduled within 2 business days of the missed exam or the student's return to school. The highest attainable grade on a missed exam is an 85%.

***To pass this course, the student must have a final grade of 72% or above and must also pass BOTH the didactic and psychomotor components, each with a score of 72% or higher.**

In addition, failure of more than two psychomotor exams will also lead to course failure. Information concerning course failure and course remediation is listed below. Individual examinations are not remediated during the course due to the pace of the course and the demands of other courses.

Attendance, Adherence to the Dress Code and Professional Conduct are Mandatory. The following adjustments will be made to the final course grades:

Attendance

- 5% will be deducted from the final grade for each lecture or lab missed without an excused absence.
- 5% will be deducted from the final grade for every three unexcused instances of tardiness.
- 5% will be deducted from the final grade if the daily project sheet is not returned complete by the date established by the course director.

Adherence to the Dress Code. Students must adhere to the dress code as spelled out in the Pre-doctoral Student Handbook and Clinic Procedure Manual while enrolled in any course in the Division of Operative Dentistry. It is applicable at ALL times including, lectures, exams, quizzes, and laboratory sessions. Failure to comply with the dress code will result in a reduction in your final course grade as follows:

- ***1st Offense*** - Student will be asked to leave the class and warned
- ***2nd Offense*** - Student will be asked to leave the class and a 5% reduction in your final course percentage will be imposed
- ***3rd Offense*** - Student will be asked to leave the class and an additional 5% (10% total for dress code) reduction in your final course percentage will be imposed
- ***4th Offense*** - Student will be asked to leave the class and an additional 5% (15% total for dress code) reduction in your final course percentage will be imposed
- ***5th Offense*** - Student will be issued an "E" grade in the course

Professional Conduct. The College of Dentistry expects all dental students to be professional in their dealings with patients, colleagues, faculty and staff. Behavior of a dental student reflects on a student's qualification and potential to become a competent dentist. In addition, for each lecture and laboratory session, students are expected to: be prepared, complete the self-assessment forms, follow all guidelines and instructions (which include dress code, use of iPods, headphones, etc.), and put forth an excellent effort (stay the entire session, work diligently during the lab session, etc.). Any student professional misconduct observed during lectures, exams, quizzes, and laboratory sessions will result in a **Professional Variance** (*see Pre-doctoral Student Handbook*), which results in a **5 percentage deduction from the final course grade for each Professional Variance issued.**

The grades for the final written exam, psychomotor exam, and final course grade will not be posted in ECO prior to the end of the semester, until 70% of students have completed the faculty evaluations.

Remediation. Students failing the course will be awarded an "E" grade, referred to the Student Performance Evaluation Committee (SPEC), and be placed on academic probation.

The student must meet with the course director to develop a remediation plan within one week of the notification of the failing final grade. The remediation activities are at the discretion of the course director. Faculty are available to assist students as they prepare for this examination, but the responsibility for learning the material resides with the student. The time, place, content, and passing grade of the remediation program will be individualized for each student and arranged by the course director. The highest grade attainable in a remediated course is a "D". Students failing to satisfactorily complete the remediation program will maintain the "E" grade and be referred to SPEC for consideration for dismissal or retracting. For more information refer to the Administrative Practices Section K: Remediation.

Please note that if the course director determines that the student failed the coursework to such an extent that remedial activities would be inadequate to attain an acceptable level of academic achievement in the course material, the course director can elect not to provide remediation.

IX. DEN5405C Grade Scale

Method:	Letter Grade ▾
Use +/- Grades:	(•) Yes ( ) No
Scale:	100
Tolerance:	0.5
A	95 - 100
A-	90 - 94.99
B+	86 - 89.99
B	82 - 85.99
B-	80 - 81.99
C+	74 - 79.99
C	72 - 73.99

Administrative Practices

For further information on any of the practices listed below, consult the UFCD Student Handbook and UF Attendance Policies, catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/.

A. Attendance

Student attendance during school hours (7:25 am - 4:55 pm) is required on all days officially scheduled on the annual school calendar.
In general, acceptable reasons for absence from or failure to participate in class include illness, serious family emergencies, special curricular requirements (e.g., professional conferences), military obligation, severe weather conditions and religious holidays. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons also may be approved. For any deviation from this policy, the procedures described in the *UFCD Student Handbook* must be followed. More information can be found on this website, UF Attendance Policies**.** Leaves of absence will be handled on a case-by-case basis. Students must obtain signed approval from each course director for any non-emergency absence. Students with an absence must report to the course director within 48 hours of their return to arrange for any necessary make-up. While some course directors will not mandate attendance for lectures, attendance is mandatory for all basic science and clinical simulation laboratory sessions, all intramural and extramural rotations, special education events, testing sessions, and lectures/seminars mandated by the course director.

B. Dress Code

The dress code shall apply to all students while in the Health Science Center during usual business hours, from 7:30 a.m. - 5:30 p.m. Monday through Friday. The dress code will apply to all usual academic activities, including didactic lectures and exams, preclinical simulation classes, and clinical patient care activities during the four-year curriculum, and includes wearing their UFID badge. For special events and invited presentations by nationally recognized experts, the event organizer may require that students wear business attire
.

C. Email Policy

Within the College of Dentistry, email is the primary mode of communication between faculty, administration, staff, and students. Students are required to check their email daily, on all scheduled school days. A Gatorlink account is required as each student's primary email address.

D. Professional Behavior

The College of Dentistry expects all dental students to be professionals in their dealings with patients, colleagues, faculty and staff and to exhibit caring and compassionate attitudes. Professionalism encompasses altruism, accountability, compassion, duty, excellence and respect for others. Attitudes and behaviors inconsistent with compassionate care, refusal by or inability of the student to participate constructively in learning or patient care, derogatory attitudes or inappropriate behavior directed at patient groups, peers, faculty or staff, or other unprofessional conduct can be grounds for dismissal.

E. Student Responsibilities in the Classroom

1. It is both the responsibility of the students and faculty to ensure that decorum in the classroom is maintained at all times. Students who cannot conduct themselves appropriately should be asked, by the teacher, to the leave the room.
2. Out of courtesy to student peers and faculty, disruption in the classroom, i.e. talking, reading of newspapers, etc., is forbidden.
3. All audible communication devices, i.e. cell phones, should be turned off before entering the classroom.
4. Students are responsible for attending lectures on time and for their entirety; ensuring that conflicts in class times arising out of special circumstances such as patient scheduling, seminars or courses should be discussed before start of class with the instructor or course director.

5. Students are expected to complete all assigned readings before class and be prepared to answer questions related to the assigned material.
6. Learning is an active behavior. Accordingly, students are expected to participate in classroom discussion.
7. Laptop computers may be used for note-taking or accessing course-related materials during lectures and class sessions. Violations of this policy, such as sending or reading emails or text messages, accessing websites unrelated to the course, or use of the computer for purposes other than for the class in progress will result in loss of the privilege to bring a laptop computer to class.
8. Students must request permission of each faculty member prior to tape recording a class session.

F. Academic Honesty and the Student Honor Code

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (sccr.dso.ufl.edu/process/student-conduct-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

G. Tutoring

A tutoring program is available to any student who fails an examination or whose performance ranks in the bottom ten percent of the class in multiple courses. Students are advised of this tutoring program during orientation and then occasionally reminded. Course directors are also aware of the program and can make a referral. Student performance is monitored by the Assistant Dean for Student and Multicultural Affairs in conjunction with the Associate Dean for Education and course directors following each block examination period. The Coordinator of Student Affairs will contact the student, provide counseling and advisement, and offer tutoring. Upon a request for tutoring by the student, the Assistant Dean for Student and Multicultural Affairs will contact the tutor (an upper class student who excelled in the course, is available and interested, and seems like the best fit for the struggling student). The student then contacts the tutor and together they work out a schedule and activity plan that is reported to and approved by the Office of Student and Multicultural Affairs. The tutor is compensated by an hourly wage. Each semester, several students take advantage of this program and student performance has been shown to improve in future examinations. Students referred for tutoring are asked to sign a tutoring agreement form so they are clearly aware of their request in the tutoring process.

H. Americans with Disabilities Act (ADA) - Student Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center **(352-392-8565,dso.ufl.edu/drc** by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the Assistant Dean of Advocacy and Inclusion when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester. Students requiring special testing accommodations will be handled through the Assistant Dean of Student and Multicultural Affairs. The following procedure will be followed:

a. Students requesting testing accommodation must be tested by the Disability Resources Program at Peabody Hall. Students qualifying for accommodations will receive an Accommodation Memo from that office which must be presented to the Assistant Dean of Student and Multicultural Affairs.
b. The Assistant Dean will identify the student and the specific accommodation need(s) in the course roster feature in ECO. This information can only be viewed by the course director and test administrators. The student will also be identified in the Grade Book feature of ECO viewable only by grade coordinators and course directors. Access to this information will permit test administrators to schedule and set-up the appropriate accommodation. This process replaces the former procedure of students personally informing each course director of their need for testing accommodation and securing their signature.

Students receiving special testing accommodations will be handled in manner that protects their privacy and confidentiality. Computerized testing conditions will mimic those provided in the Testing Center using similar equipment. Scheduling of accommodated examinations will occur simultaneously during regularly scheduled block

examinations in a location outside of the Testing Center. When scheduling conflicts prohibit synchronous testing, the examination will be scheduled prior to the regular examination time. The College of Dentistry provides special testing accommodations for those students providing documentation. Common test accommodations include providing a scribe, a reader, extended time, quiet and separate environment, and assistive technology. Disability Resources is located within the Dean of Students Office.

I. Post-Examination Review

To facilitate and reinforce effective learning, dental students are encouraged to review any omission in knowledge through an exam review immediately following the exam (unless the Course Director indicates otherwise). Following thorough analysis of the test items and adjustment for any identified aberrant items, the individual examination scores are posted in the grade book feature of ECO.

J. Grading System

Student performance in academic coursework and clinical requirements is evaluated by letter grades (A to E). The S/U grading system is used for select courses so designated by the College and for all elective courses. Grade point averages will be derived from the numerical equivalents of the letter grade. For example, a grade of A for a three-hour course yields 12 grade points.

Passing Grades - Grade points:

Letter Grade	Grade Point
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
D	1.00
S	None

A grade of S is equal to a C or better grade, but is not calculated in the grade point system.

Failing Grades:

E	Failure	A failing grade awarded in any course will remain on the permanent record if the student fails to successfully remediate the course and is equivalent to 0.0 grade points. Any grade achieved after re-enrollment in the course will be listed separately.
U	Unsatisfactory	A failing grade assigned only when an entire course is graded S/U. No grade points are calculated and course credit is not awarded.

Non-Punitive Grades (no grade point value):

W:Withdrew: Assigned for any course dropped when the student was in good academic standing. This grade requires College approval and is assigned to students withdrawing enrollment due to personal and/or medical problems resulting in an excused extended leave of absence.

WF:Withdrew Failing: Assigned to any course dropped when the student was not in good academic standing.

I:Incomplete: Assigned to a student who is capable of achieving a passing grade in the course but who could not complete the course requirements because of extenuating circumstances. Arrangements must be made with the course director to complete the work by the end of the next semester or earlier. This grade must be rectified by the end of the next semester. An I grade may be assigned at the discretion of the course instructor as an interim grade for a course in which the student has (1) completed a major portion of the course with a passing grade, (2) been unable to complete course requirements prior to the end of the term because of extenuating circumstances, and (3) obtained written agreement from the instructor as to the arrangements for resolution of the incomplete grade. Instructors are not required to assign I grades.

More information on UF Grading policies can be found at Grades and Grading Policies.

K. Remediation
Students failing any course will be awarded an "E" grade, referred to the Student Performance Evaluation Committee (SPEC), and automatically placed on academic probation. The student must meet with the course director to develop a remediation plan within one week of notification of the failing final grade. The remediation activities are at the discretion of the course director and may consist of a comprehensive examination with emphasis on those areas in which the student failed to achieve a grade of "C" or better. Faculty are available to assist students preparing for this examination, but the responsibility for learning the material resides with the student. The remedial activity will include no formal instruction. The time and place of the remediation examination will be arranged individually. Please note that if the course director determines that the student failed the coursework to such an extent that remedial activities would be inadequate to attain an acceptable level of academic achievement in the course material, the course director can recommend that the student repeat the course as the remedial activity.
The passing grade in the remediation program is a "C"; however, the highest grade attainable in a remediated course is a "D". Students failing to satisfactorily complete the remediation program will maintain the "E" grade and be referred to SPEC for consideration for dismissal or retracking. Re-enrollment will be as soon as deemed feasible by the course director in concert with the Associate Dean for Education and the SPEC. The highest final grade attainable when repeating a course in its entirety is an "A." Students failing to satisfactorily complete a course at the second offering will be referred to SPEC for further evaluation and possible action. A failing grade awarded in any course will remain on the permanent record. Any grade achieved after re-enrollment will be listed separately.

L. Student Evaluation of Instruction
Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at gatorevals.aa.ufl.edu/public-results/.

M. Complaint Process
External complaint process:
The University of Florida's DMD program is accredited by the Commission on Dental Accreditation (CODA). If a student, faculty, patient or other individual has any complaints or concerns about the college's accredited educational programs, those issues and concerns can be directed to the Commission.
CODA will review complaints that relate to the program's compliance with the accreditation standards. The Commission is interred in the sustained quality and continued improvement of dental and dental-related education programs but does not intervene on behalf of individuals or act as a court of appeal for individuals in matters of admission, appointment, promotion or dismissal of faculty, staff or students.
A copy of the appropriate accreditation standards and/or the Commission's policy and procedure for submission of complaints may be obtained by contacting the Commission at 211 East Chicago Avenue, Chicago IL 60611 or by calling 1-800-621-8099 extension 4563.

Internal complaint process:
1. Informal: UFCD recognizes that health care professionals should learn to address disagreements and conflicts in a mature and responsible manner. Often relational problems may be resolved best informally between the parties involved. Students who wish to make a complaint about an issue related to the College of Dentistry should first contact their class president, vice president, or Student Affairs committee representative. The class officer can advise the student on how to best seek resolution. Oftentimes, the class officer has heard the same complaint from other classmates and will then proceed by advocating for their class as a whole rather than for one individual. Class officers may seek the help of the Assistant Dean for Student Affairs, their Class Advisor or TEAM leader. Students who do not feel comfortable discussing their concern with their class officers should discuss the complaint with the Assistant Dean for Student and Multicultural Affairs, or Associate Dean for Education.
2. Formal: If the informal procedure has been followed and a student still feels the issue is unresolved the student may initiate a formal complaint. This process may be accessed at: dental.ufl.edu**.**

The form asks for a description of the complaint including the circumstances regarding the complaint, previous efforts to resolve and restitution sought. The grievance is forwarded to the appropriate person or committee who has been designated to handle a certain type complaint. For example, the Facilities Manager would receive all complaints involving the physical plant/infrastructure of the College. A timely acknowledgement of the submission will be sent by email.

N. Health and Wellness

U Matter, We Care: If you or someone you know is in distress, please contact https://umatter.ufl.edu, 352-392-1575, or visit umatter.ufl.edu/ to refer or report a concern and a team member will reach out to the student in distress.
Counseling and Wellness Center: Visit counseling.ufl.edu/ or call 352-392-1575 for information on crisis services as well as non-crisis services.
Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit shcc.ufl.edu/.
University Police Department: Visit police.ufl.edu/ or call 352-392-1111 (or 9-1-1 for emergencies).
UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; ufhealth.org/emergency-room-trauma-center.

O. Electronic Course Material and Social Media

Recordings are for educational use only and are to be considered confidential. No recorded lecture material, university maintained or otherwise, may be shared (e.g., copied, displayed, broadcast or published) with any individual or organization within or outside the UFCD without prior written permission from the lecturer and without giving proper attribution. UFCD will take reasonable measures to prevent the inappropriate use of such recordings by individuals with access to the web site on which the recorded lectures are posted, but cannot guarantee against possible misuse. This prohibition includes placing the recording on any web page or the Internet for use by, or access to, any person, including the student. In addition to any legal ramifications, misuse of recordings will be considered as unprofessional behavior and appropriate disciplinary action will be taken according to UF policy and procedures. Materials contained within lectures may be subject to copyright protection. Please review Copyright Information for more information.
Unauthorized Recordings. A student shall not without express authorization from the faculty member and, if required by law, from other participants, make or receive any recording, including but not limited to audio and video recordings, of any class, co-curricular meeting, organizational meeting, or meeting with a faculty member. Refer to Student Conduct & Honor Code for more information.

Social Media

Social networks provide fun and exciting ways to connect with others who share common interests. Use of social media, even in a personal capacity, must comply with state and federal law concerning intellectual property, restricted records, and patient information. Text, photos, videos, and other material posted on social media pages, including personal ones, should be in keeping with generally accepted professional and/or ethical standards for one's field(s) of work and/or study. For example, patient information, even if it has been "de-identified" may not be posted. This includes photos or videos as part of medical, research, or other international humanitarian educational experiences. UF has explicit student guidelines to permit appropriate use of social media, while prohibiting conduct through social media that is illegal or against University of Florida policy or professional standards. Refer to UF Social Media Use, Guidelines and Policy Implications for more information.

DEN5405C Class Schedule DATE	TIME START	TIME END	ROOM	ACTIVITY
01/06/2020	8:30 AM	9:00 AM	D3-3	L-1 Introduction to Operative Dentistry
01/06/2020	9:00 AM	9:40 AM	D3-3	L-2 Dental Instruments
01/06/2020	9:50 AM	11:30 AM	SimLab	Lab 1- Dental Instruments
01/06/2020	12:50 PM	1:40 PM	D3-3	Course Enrollment
01/07/2020	1:55 PM	2:45 PM	D3-3	L-3 Field Isolation
01/07/2020	2:55 PM	4:55 PM	SimLab	Lab 2 Field Isolation
01/08/2020	8:30 AM	9:00 AM	D3-3	L-4 Principles of Tooth Preparation
01/08/2020	9:00 AM	9:40 AM	D3-3	Lab 3 Discriminative Learning/ Prep a block
01/10/2020	12:00 PM	1:00 PM	D3-3	L-5 Mechanical Properties of Dental Materials
01/13/2020	8:30 AM	9:20 AM	D3-3	L6- Class I preparation didact lecture
01/13/2020	9:30 AM	11:30 AM	Sim Lab	Lab 4 Class I preparation/ Ergonomic exercise
01/15/2020	8:00 AM	8:40 AM	D3-3	L-7 Pulp Protection
01/15/2020	8:40 AM	9:20 AM	D3-3	L-8 Liners and Conventional Glass Ionomer Cements
01/15/2020	9:30 AM	11:30 AM	Sim Lab	Lab 5 Pulp Protection +closed sandwich technique
01/16/2020	10:40 AM	11:30 AM	C1-9	L-9 Amalgam as Restorative Dental Material
01/22/2020	8:30 AM	9:20 AM	D3-3	L-10 Amalgam Restoration Technique
01/22/2020	9:35 AM	11:30 AM	Sim Lab	Lab 6 Amalgam block and amalgam restoration
01/22/2020	3:00 PM	4:55 PM	Sim Lab	Lab 7 Class I prep and restoration
01/23/2020	4:05 PM	4:55 PM	C1-9	L11- Review session for Class I rubrics/ right and wrong
01/27/2020	8:30 AM	11:30 AM	Sim Lab	Lab 8 Class I prep and restoration
01/29/2020	8:30 AM	11:30 AM	Sim Lab	Lab 9 MOCK
01/30/2020	1:55 PM	3:50 PM	D3-3	L12- Critical Thinking exercise
02/03/2020	8:30 AM	11:30 AM	Sim Lab	L13- From Class I to Class II
02/03/2020	8:30 AM	11:30 AM	Sim Lab	Lab 10- Class I to Class II preparations
02/05/2020	8:30 AM	11:30 AM	Sim Lab	Psychomotor 1

02/06/2020	4:05 PM	4:55 PM	C1-9	L14- Class II preparations (From classic to horizontal slot)
02/10/2020	8:30 AM	9:20 AM	D3-3	L-15 Amalgam Restoration Technique for Class II
02/10/2020	9:35 AM	11:30 AM	Sim Lab	Lab 11- Class II prep and restoration
02/11/2020	8:30 AM	10:00 AM	Cg-28	EXAM 1
02/12/2020	8:00 AM	9:00 AM	D3-3	L-16 - sandwich with RMGIC
02/12/2020	9:00 AM	11:30 AM	Sim Lab	Lab 12- open sandwich tecnique
02/17/2020	8:30 AM	11:30 AM	Sim Lab	Lab 13- Class II prep and restoration
02/24/2020	8:30 AM	11:30 AM	Sim Lab	Lab 14- Class II prep and restoration
02/26/2020	8:30 AM	11:30 AM	Sim Lab	Lab 15- MOCK
03/09/2020	8:30 AM	11:30 AM	Sim Lab	Lab 16- Critical thinking exercise for Class II
03/11/2020	8:30 AM	11:30 AM	Sim Lab	Psychomotor 2 and 3
03/16/2020	8:30 AM	9:20 AM	Sim Lab	L-17 Finishing and Polishing Amalgam Restoration
03/16/2020	9:30 AM	11:30 AM	Sim Lab	Lab 17 Finishing and Polishing Amalgam Restorations
03/18/2020	8:30 AM	11:30 AM	Sim Lab	Lab 18- Catch up lab
03/23/2020	8:30 AM	9:20 AM	D3-3	L-18 Complex Amalgam Preparation
03/23/2020	9:30 AM	11:30 AM	Sim Lab	Lab 19 Complex Amalgam Preparation (MODL)
03/25/2020	8:30 AM	9:20 AM	D3-3	L-19 Complex Amalgam Restoration
03/25/2020	9:35 AM	11:30 AM	Sim Lab	Lab 20 Complex Amalgam Restoration (MODL)
03/30/2020	8:30 AM	11:30 AM	Sim Lab	Lab 21- Critical thinking - prep modification
04/01/2020	8:30 AM	11:30 AM	Sim Lab	Lab 22- Critical thinking using real tooth
04/06/2020	8:30 AM	9:20 AM	D3-3	L20- Review of Clinical Cases (rubric review)
04/06/2020	9:35 AM	11:30 AM	Sim Lab	Lab 23- Critical thinking using fracture cusp
04/08/2020	8:30 AM	11:30 AM	Sim Lab	Lab 24- Mock 4
04/13/2020	8:30 AM	11:30 AM	Sim Lab	Lab 25- Prep and amalgam restoration
04/14/2020	2:00 PM	3:30 PM	Cg-28	EXAM 2
04/15/2020	8:30 AM	12:00 PM	Sim Lab	Psychomotor 4

04/20/2020	8:30 AM	11:30 AM	Sim Lab	Remediation lab
04/22/2020	8:30 AM	11:30 AM	Sim Lab	Remediation lab

Sample of Rubrics (Criteria for Psychomotor skills assessment)

UF COLLEGE of DENTISTRY

Division of Operative Dentistry
University of Florida

UFID#_____

Assessment of didactic class I RBC preparation #____

Please self-evaluate by circle the letter under the student portion, if you need to

Criteria	Grade	Ideal (4)		Acceptable (3)		Modifications (2)		Unacceptable (1)	
		Student	Faculty	Student	Faculty	Student	Faculty	Student	Faculty
Isthmus (Hatchet and condenser)		I	I			M	M	U	U
		1.5-1.8 mm				1-<1.5 mm		> 1.8 or <1 mm	
Outline Extension		I	I	A	A	M	M	U	U
		Include all necessary anatomy landmarks 1.5-2 mm marginal ridge		Slightly underextended >2 mm marginal ridge		Slightly overextended <1.5 mm marginal ridge		Significant over or under extension <1 0r >2.5 mm marginal ridge	
Pulpal Depth (Probe)		I	I			M	M	U	U
		1.5-2 mm				1-<1.5 mm		> 2 or <1 mm	
Cavosurface Margin (Explorer)		I	I	A	A	M	M	U	U
		Smooth, No irregularities		Isolated irregularity or roughness **B L M D**		Multiple irregularity or roughness **B L M D**		Significant irregularity or roughness **B L M D**	
Wall Orientation (Probe)		I	I	A	A	M	M	U	U
		Converge to occlusal **B L** Diverge to occlusal **M D**		Isolated Parallel wall / Minor irregularities **B L M D**		Multiple parallel walls or irregularities **B L M D**		Diverge to occlusal **B L** Converge to occlusal **M D** Significant over div/conv	
Wall Transition (Explorer)		I	I	A	A	M	M	U	U
		Smooth, No irregularities, round angles		Isolated irregularity or roughness **B L M D**		Multiple irregularity or roughness **B L M D**		Significant irregularity or roughness , sharp angles **B L M D**	
Adjacent tooth structure (Explorer)		I	I	A	A	M	M	U	U
		No damage		Minor scratches		Multiple scratches		Damage, nicked	

Grading criteria didactic Complex Class I resin-based composite preparation

Isthmus	I	1.5 to 1.8 mm wide
	A	N/A
	M	Between 1 to 1.4 mm
	U	More than 2.5 or Less than 1 mm
Outline	I	Pits and fossae included
	A	Slightly underextended
	M	Slightly overextended
	U	Pits and fossae not included
Pulpal Depth	I	1.5 to 2 mm wide
	A	
	M	Between 1 to 1.5 mm
	U	More than 2 or Less than 1 mm
CSM	I	Smooth margin
	A	1 irregularity or roughness
	M	More than 1 irregularity or roughness
	U	Significant irregularity or roughness

Wall Orientation	I	All walls correct
	A	1 wall is parallel and the rest correct
	M	More than 1 wall is parallel
	U	B or L is divergent to the occlusal or M or D is convergent to the occlusal
Wall Orientation	I	No irregularities, smooth , round angles
	A	1 irregularity or roughness
	M	More than 1 irregularities, roughness
	U	Significant irregularities, roughness or sharp angles
Adjacent Tooth	I	No damage to adjacent tooth
	A	Minor scratches which requires re –contour
	M	Multiple scratches which requires re –contour
	U	Damage or nicked that requires restoration

Division of Operative Dentistry
University of Florida

UFID# _____

Assessment of Didactic Class II Amalgam Preparation # _____ RD + / -

Please self-evaluate by circling the letter under the student portion. Comments refer to the bottom section.

Criteria	Grade	Ideal (4)		Acceptable (3)		Modifications (2)		Unacceptable (1)	
		Student	Faculty	Student	Faculty	Student	Faculty	Student	Faculty
OUTLINE FORM AND ACCESS									
B &L Clearance		I Metal matrix band passes without resistance	I			M >.5 - <.75mm Blue tip passes	M	U No clearance or black tip passes >.75 mm	U
Gingival Clearance		I 0.5 to <.75 mm Blue tip passes	I	A < .5 - > .75 mm Black tip passes/blue tip doesn't pass	A			U No clearance or > 1 mm	U
Isthmus		I 1.5 - <1.8 mm	I			M 1.0 - <1.5 mm	M	U >1.8 or <1.0 mm	U
Adjacent Tooth		I No damage	I	A Minor scratches B L M D G	A	M Multiple scratches B L M D G	M	U Damage or nicked B L M D G	U
CSM		I Smooth, no irregularities	I	A 1 area of irregularity B L M D G	A	M 2 – 3 areas of irregularities, jagged, sharp B L M D G	M	U More than 3 areas of irregularities or 1 grossly irregularity	U
INTERNAL FORM									
Axial Width		I 1.0 – 1.5 mm	I					U < 1.0 mm or >1.5 mm	U
Pulpal Depth		I 1.5 – 2 mm	I			M 1 - < 1.5 mm	M	U <1.0 or >2.0 mm	U
Wall Orientation		I B L Converge to occlusal M D Diverge to occlusal if present Axial Converge to occlusal	I	A 1 wall parallel 1 area of irregularity B L M D A	A	M 2 walls parallel Excessive convergence 2-3 areas of irregularities B L M D A	M	U Diverge to occlusal B L A Converge to occlusal M D Significantly over divergent (>45°)	U
Walls and Line Angles Transition		I Smooth	I	A 1 area of irregularity A P G B L M D	A	M 2-3 areas of irregularities, jagged, sharp A P G B L M D	M	U More than 3 areas of irregularities or 1 grossly irregularity, roughness, voids, undercuts, sharp A P G B L M D	U
Proximal wall		I At 90°	I			M One wall not at 90° MB ML DB DL	M	U Two walls not at 90° or unsupported enamel B L	U
Reverse curve		I Smooth transition	I	A 1 area of irregularity	A	M 2-3 areas of irregularities, jagged, sharp	M	U Sharp transition or no transition	U
Debridement /Ergonomics*	--	I Clean/ Correct work position	I			M Debris/ Incorrect work position	M		

Division of Operative Dentistry
University of Florida

UFID# _____

Assessment of Didactic Class II Amalgam Restoration # _____

Please self-evaluate by circling the letter under the student portion. Comments refer to the bottom section.

Criteria	Grade	Ideal (4)		Acceptable (3)		Modifications (2)		Unacceptable (1)	
		Student	Faculty	Student	Faculty	Student	Faculty	Student	Faculty
CONDENSING AND CARVING									
Cavosurface Margin		I Smooth	I	A 1 area of detectable excess or submargination B L M D O	A	M 2-3 areas of excess or submargination <1.0 mm B L M D O	M	U More than 3 areas of excess or submargination >1.0 mm B L M D O	U
Surface Finish		I Smooth	I	A 1 area of irregularity B L M D O	A	M 2-3 areas of irregularities B L M D O	M		
FUNCTION									
Proximal Contact		I Correct function	I			M Floss frays, light or misplaced	M	U Open or floss does not pass	U
Adjacent Tooth		I No damage	I			M Minor scratches must polish	M	U Damaged must re-contour or restore	U
Axial Contour		I Anatomically correct	I	A Slightly over/under contoured M D L B	A	M Over/under contoured <1 mm M D L B	M	U Significant Over / under contoured M D L B	U
ANATOMY									
Pits and Fossae		I Anatomically correct	I	A Isolated error Narrow, wide shallow, deep M C D	A	M Multiple misplaced or deep Too shallow, too narrow M C D	M	U Significant errors Over-polished Too deep, too narrow M C D	U
Grooves		I Anatomically correct	I	A Isolated error Narrow, wide shallow, deep M C D B L	A	M Multiple misplaced or deep Too shallow, too narrow M C D B L	M	U Significant errors Over-polished Too deep, too narrow M C D B L	U
Embrasures		I Anatomically correct	I	A Slightly open / closed MB ML DB DL MG DG MO DO	A	M Open / closed MB ML DB DL MG DG MO DO	M	U Significantly open/closed MB ML DB DL MG DG MO DO	U
Ridges		I Anatomically correct	I	A Slightly over / under contoured MB DB ML DL D MMR DMR	A	M Over / under contoured MB DB ML DL D MMR DMR	M	U Significantly over / under contoured MB DB ML DL D MMR DMR	U

DEN6407C: Preclinical Operative Dentistry II
Summer 2020

Course Description:
This is the second course in a series of three courses which introduces fundamental concepts of operative dentistry emphasizing biomaterials science and its clinical application. Minimally invasive dentistry principles, direct and indirect restorative materials/ technique and ergonomics will be introduced focusing on development of psychomotor skills, self-assessment and clinical judgment.

I. General Information

Course Director: Dayane Carvalho Ramos Salles de Oliveira
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Phone: (352) 273-6909
Course Credits: 3
Semester: Summer
Office Hours: Tuesdays from 1pm to 3 pm

Contributing Faculty

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Prerequisite course: DEN5405C: Preclinical Operative Dentistry I/Biomaterials

II. Course Goals
This course is the second in a series of three courses, which are designed to provide the student with fundamental basic knowledge in Operative Dentistry focusing on the etiology, prevention, diagnosis and treatment of dental caries and its sequelae. Hand skills development

in the preparation and restoration of class II carious lesions, complex class II lesions due to fractured cusps or large carious lesions and onlays. Restoration will focus on direct (resin-based composite and amalgam) and indirect (gold and ceramic) materials with a critical thinking component of decision-making process.

This course also includes a continuation in dental biomaterials, focusing on the concepts of adhesive dentistry that includes principles of bonding, resin-based composite materials and light curing. Since Operative Dentistry and Biomaterials contribute to a major portion of the general practice of dentistry, it is important to concentrate early in the curriculum in developing excellent clinical skills and efficiency to provide optimal patient care. Such skill and efficiency are essential components for a successful dental practice.

Finally, students will continue to learn and practice essential ergonomics for the dental practitioner designed to prevent the occurrence of musculoskeletal injury during the practice of dentistry.

III. Course Overview

Direct instruction (lectures) and simulation labs are used in this course to introduce fundamental concepts related to Operative Dentistry. The course will be divided into four modules:

1- Introduction to Adhesive Dentistry;

2- Class II: Preparing and Restoring

3- Complex Class II: Preparing and Restoring

4- Onlay (extended damage)- Preparing and restoring.

Successful completion of this course is required to progress to DEN6408C: Preclinical Operative III. It is a required pre-requisite.

IV. Course Outline

1. Principles of Adhesion to Enamel and Dentin

2. Resin Based Composite: Composition and Handling

3. Resin Based Composite: Finishing and Polishing Techniques

4. Light curing

5. Principles of tooth preparation for resin-based composite and dental amalgam

6. Complex class II tooth preparation and restorative techniques for amalgam or resin-based composite dental materials

7. Fracture Mechanics and Survival of Resin Based Composite

8. Bulk-fill resin-based composites

9. Gold and Ceramic Onlays

10. Refurbish, repair or replacement of restorations

V. Course Material

Required textbooks: Textbooks can be ordered online or rented/purchased in the Health Science Center bookstore on the ground floor next to the Post Office. Students also have access to e-versions through the Dental Lib Guide link.

Dental Lib Guide: http://guides.uflib.ufl.edu/dental

1. "Summitt's Fundamentals of Operative Dentistry - A Contemporary Approach" by Hilton TJ et al, 4th ed., 2013. ISBN-13: 978-0867155280

2. "Phillips' Science of Dental Materials" by Kenneth J. Anusavice; H. Ralph Rawls; Chiayi Shen.;12th ed., Elsevier, 2012. ISBN-13: 978-1437724189

3. "Pulp-Dentin Biology in Restorative Dentistry" by Ivar A. Mjor, Quintessence books, 2002. ISBN-13: 978-0867154122

Other Resources:

Operative dentistry and dental biomaterials presentations, reading assignments and handouts will be posted on ECO or Canvas. http://lss.at.ufl.edu

VI. Course Objectives

The material in this course will be presented in lecture, online, laboratory, and self-study formats. Students will demonstrate application of this knowledge to the practice of dentistry:

1. Dental Caries

- Discuss the philosophy of the Department of Restorative Dental Sciences in prevention, diagnosis, and management of the caries process as well as its sequelas to the dental hard tissues.
- Describe the clinical aspects and classification of caries lesions for resin-based composite/ amalgam tooth preparations and restorations.
- Explain dental pulp physiology in the presence of active and chronic carious lesions.

2. Dental Instruments

- Explain the instrument classifications and instrument use, instrument grasps and Black's formula.
- Perform the sharpening and care of hand instruments.

- Describe rotary cutting instruments in reference to the following: design features and construction, shapes, sizes, numbering, functional characteristics, care and maintenance.
- Select the correct rotary and cutting instruments to obtain the ideal preparation according to the course rubrics.

3. Isolation of the Operating Field

- Discuss the rationale for using the rubber dam and other isolation techniques.
- Demonstrate the proper placement and use of the rubber dam, clamps, gingival retractor and frame to achieve field isolation.
- Analyse the quality of a field isolation.
- Describe the best isolation method according to different clinical cases.

4. Prevention, Diagnosis and Treatment of Class II carious lesions

- Demonstrate ability to execute conservative and non-conservative tooth preparations and placement, adaptation or carving of resin-based composite and dental amalgam restorations.
- Describe the pulp-dentin reactions to dental caries and to cavity preparations.

5. Diagnosis and Treatment of Fractured Tooth or Large Caries Lesions (Complex and onlays)

- Demonstrate the ability to access and remove demineralized enamel and infected carious dentin prior to placement of protective as well as restorative materials
- Demonstrate the ability to execute complex tooth preparations, design retentive features, and placement/carving of dental amalgam restorations
- Demonstrate the ability to execute gold and ceramic onlay tooth preparations, design and retentive features.
- Demonstrate the ability to execute complex tooth preparation aiming the placement of resin-based composite materials.
- Demonstrate the ability of diagnosing clinical cases indicated for indirect inlay/onlay restorations.

6. Evidence-based Dental Practice/Critical Thinking

- Discuss the current clinical evidence for longevity amalgam restorations and resin-based composite materials
- Build-up the foundation for the use of low-shrinkage or bulk-fill resin-based composite materials
- Apply the acquired knowledge using case-based scenarios.

7. Dental Biomaterials

- Discuss bonding mechanism in terms of joining two chemically different materials, such as resin to enamel and resin to dentin

- Familiarize with polymers used in dentistry, identify different polymerization mechanisms and discuss their characteristic behaviors
- Explain how the molecular structure of polymers affects their properties such as glass transition temperature and hydrophobicity
- Define composites, identify components of dental composites and explain how each component affects the properties of a dental composite
- Explain how light-curing procedures affect the quality of the final composite and how errors introduced during this process can affect the clinical outcome
- Discuss the mechanism behind enamel and dentin etching and how deviations from the optimal technique affect enamel and dentin bonding
- Discuss the environment of oral cavity and its influence in the longevity of a resin-based composite restoration
- Discuss mechanisms of failure and fracture of dental composite restoration
- Review concepts for amalgam restorations
- Explain the indications and contraindications of gold and ceramic onlays
- Explain the advantages and disadvantages of gold and the different ceramic systems for onlays.
- Explain the principles of cavity preparation design for gold and for ceramic onlays.

8. Critical Thinking

- Discuss clinical cases and make decisions on which material would be indicated for each case;
- Discuss clinical cases and decide for the best type of preparation for each case.

VII. Evaluation
This course teaches to the following competencies in the *"Competencies for the New Dental Graduate".*

Domain I: Critical Thinking
1: Critical Thinking: Use critical thinking and problem-solving, including their use in the comprehensive care of patients, scientific inquiry and research methodology.

Domain VI: Patient Care - A. Assessment, Diagnosis, and Treatment
12: Patient Assessment, Diagnosis, Treatment Planning and Informed Consent: Provide oral health care within the scope of general dentistry to include patient assessment, diagnosis, comprehensive treatment planning, prognosis, and informed consent.

Domain VI: Patient Care - B. Establishment and Maintenance of Oral Health
17: Provide oral health care within the scope of general dentistry to include restoration of teeth.

Evaluation of student performance will consist of:

1) Didactic testing in the form of written quizzes and exams, and
2) Psychomotor exams

Written Quizzes

Quizzes related to the Operative Dentistry portion of this course will be unannounced and will cover the assigned reading for the day and any material related to the topic at hand which was previously covered in lecture or laboratory. There will be a minimum of five and a maximum of eight quizzes scheduled during the lecture/sim lab sessions of this course. The quiz with the lowest score will be dropped from each student's accumulated quiz total when determining course final grades. If a student misses a class for any reason, that quiz will be the one dropped.

Quiz questions will include multiple choice, T/F, matching, or short/long answer items.

Written Examinations

There is a total of two written examinations, a midterm and a final exam.

- The first written exam will cover all course material given up to the respective exam date.
- The second written exam will be cumulative including all course material given up to the date of the second exam.

Written examinations questions will include multiple choice, patient-box, T/F with a 4 answer item, matching, or short answer items.

Psychomotor Examinations. Four psychomotor exams are scheduled in this course (see course schedule). These practical exams will require tooth preparations and/or restorations using amalgam. The scores of these exams will be included in determining the final course grade.

The grade for each psychomotor exam will be determined by the average of points received, which will be converted into percentages as determined by the ***Operative Division.***

Psychomotor Grade Scale. Student performance is evaluated by an orderly decision-making process. Procedural items are scored 4, 3, 2, or 1 against defined criteria.

- A 4 indicates that the criteria were met at a superior level
- A 3 indicates that the criteria were met at an acceptable level
- A 2 indicates that modifications are necessary to achieve an acceptable level
- A 1 indicates that the outcome was measured to be at an unacceptable level

For each criterion an evaluative modifier (+) can be assigned to a 1, 2, or 3 grade to indicate that the student identified an error prior to faculty evaluation. Proper terminology and specific locations of all errors must be noted by the student in writing. General non-specific statements will not justify a (+) modifier.

A “1” or "1+" score on any of the criteria on a psychomotor exam will result in a failing grade. The percentage assigned is 65% or the actual score, whichever is lower, when a score of 1 is given. The percentage assigned is 70% or the actual score, whichever is lower, when a score of 1+ is given.

Points are calculated as follows:

- 4 = 4 points
- 3+ = 3.25 points
- 3 = 3 points
- 2+ = 2.25 points
- 2 = 2 points
- 1+ = 0.25 point
- 1 = 0 points

RDS Psychomotor Grade Scale

RDS Grade Scale		Assigned Psychomotor Exam Grade	
	%	Points	%
A	95-100	4.0	100
		3.9	98
		3.8	96
A-	90-94.99	3.7	94
		3.6	92
B+	86-89.99	3.5	91
		3.4	89
B	82-85.99	3.3	87
		3.2	85
B-	80-81.99	3.1	83
		3.0	81
C+	74-79.99	2.9	79
		2.8	77
C	72-73.99	2.7	75
		2.6	73
		2.5	72
E	<72	2.4	71
		2.3	70
		2.2	69
		2.1	68
		2.0	67
		1.9	65
		1.8	62
		1.7	58
		1.6	55
		1.5	51
		1.4	48
		1.3	44
		1.2	41
		1.1	37
		1.0	34
		0.9	30
		0.8	27
		0.7	23
		0.6	20
		0.5	16
		0.4	13
		0.3	9
		0.2	6
		0.1	2
		0.0	0

Students who fail a psychomotor exam *are required to participate in a reassessment process at the end of the course. The reassessment will not change the previous grade obtained in the psychomotor exam or affect the final course grade. It is essential that the skills taught in this course be demonstrated at an acceptable level before advancing to the next course and into clinical patient care.*

Daily Laboratory Formative Feedback. Daily project will be assessed by the student first and then by the faculty. The intent is to teach the student to self-assess his/her work accurately in order to help them identify gaps in skill and/or knowledge and target areas that need improvement.

Assigning Grades. The final course grade will be determined based on the following:

1. Didactic component - 45% (40% written exams + 5% quizzes)

- Exam 1: Operative & Biomaterials - 20%
- Exam 2: Operative & Biomaterials - 20%
- Quizzes/Assignments: 5%

2. Psychomotor component - 55% (psychomotor exams)

Exam #1: Psychomotor I - Class II amalgam tooth preparation- 13.75%
Exam #2: Psychomotor II - Class II composite restoration - 13.75%
Exam #2: Psychomotor III – Complex composite restoration - 13.75%
Exam #3: Psychomotor IV – Ceramic onlay preparation – 13.75%

Final Grade - 100%

Important: There will be no make-up quizzes. One quiz can be dropped.

Missed written or psychomotor examinations will require a doctor's note, and if excused,

- the written make-up exam will be either an essay or oral examination,
- the psychomotor make-up exam will be a similar to the scheduled examination but may include different teeth and/or surfaces.

The make-up examination must be scheduled within 2 business days of the missed exam or the student's return to school. The highest attainable grade on a missed exam is an 85%.

***To pass this course, the student must have a final grade of 72% or above and must also pass BOTH the didactic and psychomotor components, each with a score of 72% or higher.**

In addition, failure of more than two psychomotor exams will also lead to course failure. Information concerning course failure and course remediation is listed below. Individual examinations are not remediated during the course due to the pace of the course and the demands of other courses.

Attendance, Adherence to the Dress Code and Professional Conduct are Mandatory. The following adjustments will be made to the final course grades:

Attendance

- 5% will be deducted from the final grade for each lecture or lab missed without an excused absence.
- 5% will be deducted from the final grade for every three unexcused instances of tardiness.
- 5% will be deducted from the final grade if the daily project sheet is not returned complete by the date established by the course director.

Adherence to the Dress Code. Students must adhere to the dress code as spelled out in the Pre-doctoral Student Handbook and Clinic Procedure Manual while enrolled in any course in the Division of Operative Dentistry. It is applicable at ALL times including, lectures, exams, quizzes, and laboratory sessions. Failure to comply with the dress code will result in a reduction in your final course grade as follows:

- ***1st Offense*** - Student will be asked to leave the class and warned
- ***2nd Offense*** - Student will be asked to leave the class and a 5% reduction in your final course percentage will be imposed
- ***3rd Offense*** - Student will be asked to leave the class and an additional 5% (10% total for dress code) reduction in your final course percentage will be imposed
- ***4th Offense*** - Student will be asked to leave the class and an additional 5% (15% total for dress code) reduction in your final course percentage will be imposed
- ***5th Offense*** - Student will be issued an "E" grade in the course

Professional Conduct. The College of Dentistry expects all dental students to be professional in their dealings with patients, colleagues, faculty and staff. Behavior of a dental student reflects on a student's qualification and potential to become a competent dentist. In addition, for each lecture and laboratory session, students are expected to: be prepared, complete the self-assessment forms, follow all guidelines and instructions (which include dress code, use of iPods, headphones, etc.), and put forth an excellent effort (stay the entire session, work diligently during the lab session, etc.). Any student professional misconduct observed during lectures, exams, quizzes, and laboratory sessions will result in a **Professional Variance** (*see Pre-doctoral Student Handbook*), which results in a **5 percentage deduction from the final course grade for each Professional Variance issued.**

The grades for the final written exam, psychomotor exam, and final course grade will not be posted in ECO prior to the end of the semester, until 70% of students have completed the faculty evaluations.

Remediation. Students failing the course will be awarded an "E" grade, referred to the Student Performance Evaluation Committee (SPEC), and be placed on academic probation.

The student must meet with the course director to develop a remediation plan within one week of the notification of the failing final grade. The remediation activities are at the discretion of the course director. Faculty are available to assist students as they prepare for this examination, but the responsibility for learning the material resides with the student. The time, place, content, and passing grade of the remediation program will be individualized for each student and

arranged by the course director. The highest grade attainable in a remediated course is a “D". Students failing to satisfactorily complete the remediation program will maintain the "E" grade and be referred to SPEC for consideration for dismissal or retracting. For more information refer to the Administrative Practices Section K: Remediation.

Please note that if the course director determines that the student failed the coursework to such an extent that remedial activities would be inadequate to attain an acceptable level of academic achievement in the course material, the course director can elect not to provide remediation.

IX. DEN6407C Grade Scale

Method:	Letter Grade ▾
Use +/- Grades:	(•) Yes ( ) No
Scale:	100
Tolerance:	0.5
A	95 - 100
A-	90 - 94.99
B+	86 - 89.99
B	82 - 85.99
B-	80 - 81.99
C+	74 - 79.99
C	72 - 73.99

Administrative Practices

For further information on any of the practices listed below, consult the UFCD Student Handbook and UF Attendance Policies, catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/.

A. Attendance
Student attendance during school hours (7:25 am - 4:55 pm) is required on all days officially scheduled on the annual school calendar.
In general, acceptable reasons for absence from or failure to participate in class include illness, serious family emergencies, special curricular requirements (e.g., professional conferences), military obligation, severe weather conditions and religious holidays. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons also may be approved. For any deviation from this policy, the procedures described in the *UFCD Student Handbook* must be followed. More information can be found on this website, UF Attendance Policies**.** Leaves of absence will be handled on a case-by-case basis. Students must obtain signed approval from each course director for any non-emergency absence. Students with an absence must report to the course director within 48 hours of their return to arrange for any necessary make-up. While some course directors will not mandate attendance for lectures, attendance is mandatory for all basic science and clinical simulation laboratory sessions, all intramural and extramural rotations, special education events, testing sessions, and lectures/seminars mandated by the course director.

B. Dress Code
The dress code shall apply to all students while in the Health Science Center during usual business hours, from 7:30 a.m. - 5:30 p.m. Monday through Friday. The dress code will apply to all usual academic activities, including didactic lectures and exams, preclinical simulation classes, and clinical patient care activities during the four-year curriculum, and includes wearing their UFID badge. For special events and invited presentations by nationally recognized experts, the event organizer may require that students wear business attire
.

C. Email Policy
Within the College of Dentistry, email is the primary mode of communication between faculty, administration, staff, and students. Students are required to check their email daily, on all scheduled school days. A Gatorlink account is required as each student's primary email address.

D. Professional Behavior
The College of Dentistry expects all dental students to be professionals in their dealings with patients, colleagues, faculty and staff and to exhibit caring and compassionate attitudes. Professionalism encompasses altruism, accountability, compassion, duty, excellence and respect for others. Attitudes and behaviors inconsistent with compassionate care, refusal by or inability of the student to participate constructively in learning or patient care, derogatory attitudes or inappropriate behavior directed at patient groups, peers, faculty or staff, or other unprofessional conduct can be grounds for dismissal.

E. Student Responsibilities in the Classroom
1. It is both the responsibility of the students and faculty to ensure that decorum in the classroom is maintained at all times. Students who cannot conduct themselves appropriately should be asked, by the teacher, to the leave the room.
2. Out of courtesy to student peers and faculty, disruption in the classroom, i.e. talking, reading of newspapers, etc., is forbidden.
3. All audible communication devices, i.e. cell phones, should be turned off before entering the classroom.
4. Students are responsible for attending lectures on time and for their entirety; ensuring that conflicts in class times arising out of special circumstances such as patient scheduling, seminars or courses should be discussed before start of class with the instructor or course director.

5. Students are expected to complete all assigned readings before class and be prepared to answer questions related to the assigned material.
6. Learning is an active behavior. Accordingly, students are expected to participate in classroom discussion.
7. Laptop computers may be used for note-taking or accessing course-related materials during lectures and class sessions. Violations of this policy, such as sending or reading emails or text messages, accessing websites unrelated to the course, or use of the computer for purposes other than for the class in progress will result in loss of the privilege to bring a laptop computer to class.
8. Students must request permission of each faculty member prior to tape recording a class session.

F. Academic Honesty and the Student Honor Code
UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (sccr.dso.ufl.edu/process/student-conduct-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

G. Tutoring
A tutoring program is available to any student who fails an examination or whose performance ranks in the bottom ten percent of the class in multiple courses. Students are advised of this tutoring program during orientation and then occasionally reminded. Course directors are also aware of the program and can make a referral. Student performance is monitored by the Assistant Dean for Student and Multicultural Affairs in conjunction with the Associate Dean for Education and course directors following each block examination period. The Coordinator of Student Affairs will contact the student, provide counseling and advisement, and offer tutoring. Upon a request for tutoring by the student, the Assistant Dean for Student and Multicultural Affairs will contact the tutor (an upper class student who excelled in the course, is available and interested, and seems like the best fit for the struggling student). The student then contacts the tutor and together they work out a schedule and activity plan that is reported to and approved by the Office of Student and Multicultural Affairs. The tutor is compensated by an hourly wage. Each semester, several students take advantage of this program and student performance has been shown to improve in future examinations. Students referred for tutoring are asked to sign a tutoring agreement form so they are clearly aware of their request in the tutoring process.

H. Americans with Disabilities Act (ADA) - Student Accommodations
Students with disabilities requesting accommodations should first register with the Disability Resource Center **(352-392-8565,dso.ufl.edu/drc** by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the Assistant Dean of Advocacy and Inclusion when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester. Students requiring special testing accommodations will be handled through the Assistant Dean of Student and Multicultural Affairs. The following procedure will be followed:

a. Students requesting testing accommodation must be tested by the Disability Resources Program at Peabody Hall. Students qualifying for accommodations will receive an Accommodation Memo from that office which must be presented to the Assistant Dean of Student and Multicultural Affairs.
b. The Assistant Dean will identify the student and the specific accommodation need(s) in the course roster feature in ECO. This information can only be viewed by the course director and test administrators. The student will also be identified in the Grade Book feature of ECO viewable only by grade coordinators and course directors. Access to this information will permit test administrators to schedule and set-up the appropriate accommodation. This process replaces the former procedure of students personally informing each course director of their need for testing accommodation and securing their signature.

Students receiving special testing accommodations will be handled in manner that protects their privacy and confidentiality. Computerized testing conditions will mimic those provided in the Testing Center using similar equipment. Scheduling of accommodated examinations will occur simultaneously during regularly scheduled block examinations in a location outside of the Testing Center. When scheduling conflicts prohibit synchronous testing, the examination will be scheduled prior to the regular examination time. The College of Dentistry provides special testing accommodations for those students providing documentation. Common test accommodations include providing a scribe, a reader, extended time, quiet and separate environment, and assistive technology. Disability Resources is located within the Dean of Students Office.

I. Post-Examination Review

To facilitate and reinforce effective learning, dental students are encouraged to review any omission in knowledge through an exam review immediately following the exam (unless the Course Director indicates otherwise). Following thorough analysis of the test items and adjustment for any identified aberrant items, the individual examination scores are posted in the grade book feature of ECO.

J. Grading System

Student performance in academic coursework and clinical requirements is evaluated by letter grades (A to E). The S/U grading system is used for select courses so designated by the College and for all elective courses. Grade point averages will be derived from the numerical equivalents of the letter grade. For example, a grade of A for a three-hour course yields 12 grade points.

Passing Grades - Grade points:

Letter Grade	Grade Point
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
D	1.00
S	None

A grade of S is equal to a C or better grade, but is not calculated in the grade point system.

Failing Grades:

E	Failure	A failing grade awarded in any course will remain on the permanent record if the student fails to successfully remediate the course and is equivalent to 0.0 grade points. Any grade achieved after re-enrollment in the course will be listed separately.
U	Unsatisfactory	A failing grade assigned only when an entire course is graded S/U. No grade points are calculated and course credit is not awarded.

Non-Punitive Grades (no grade point value):

W:Withdrew: Assigned for any course dropped when the student was in good academic standing. This grade requires College approval and is assigned to students withdrawing enrollment due to personal and/or medical problems resulting in an excused extended leave of absence.

WF:Withdrew Failing: Assigned to any course dropped when the student was not in good academic standing.

I:Incomplete: Assigned to a student who is capable of achieving a passing grade in the course but who could not complete the course requirements because of extenuating circumstances. Arrangements must be made with the course director to complete the work by the end of the next semester or earlier. This grade must be rectified by the

end of the next semester. An I grade may be assigned at the discretion of the course instructor as an interim grade for a course in which the student has (1) completed a major portion of the course with a passing grade, (2) been unable to complete course requirements prior to the end of the term because of extenuating circumstances, and (3) obtained written agreement from the instructor as to the arrangements for resolution of the incomplete grade. Instructors are not required to assign I grades.
More information on UF Grading policies can be found at Grades and Grading Policies**.**

K. Remediation
Students failing any course will be awarded an "E" grade, referred to the Student Performance Evaluation Committee (SPEC), and automatically placed on academic probation. The student must meet with the course director to develop a remediation plan within one week of notification of the failing final grade. The remediation activities are at the discretion of the course director and may consist of a comprehensive examination with emphasis on those areas in which the student failed to achieve a grade of "C" or better. Faculty are available to assist students preparing for this examination, but the responsibility for learning the material resides with the student. The remedial activity will include no formal instruction. The time and place of the remediation examination will be arranged individually. Please note that if the course director determines that the student failed the coursework to such an extent that remedial activities would be inadequate to attain an acceptable level of academic achievement in the course material, the course director can recommend that the student repeat the course as the remedial activity.
The passing grade in the remediation program is a "C"; however, the highest grade attainable in a remediated course is a "D". Students failing to satisfactorily complete the remediation program will maintain the "E" grade and be referred to SPEC for consideration for dismissal or retracking. Re-enrollment will be as soon as deemed feasible by the course director in concert with the Associate Dean for Education and the SPEC. The highest final grade attainable when repeating a course in its entirety is an "A." Students failing to satisfactorily complete a course at the second offering will be referred to SPEC for further evaluation and possible action. A failing grade awarded in any course will remain on the permanent record. Any grade achieved after re-enrollment will be listed separately.

L. Student Evaluation of Instruction
Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at gatorevals.aa.ufl.edu/public-results/.

M. Complaint Process
External complaint process:
The University of Florida's DMD program is accredited by the Commission on Dental Accreditation (CODA). If a student, faculty, patient or other individual has any complaints or concerns about the college's accredited educational programs, those issues and concerns can be directed to the Commission.
CODA will review complaints that relate to the program's compliance with the accreditation standards. The Commission is interred in the sustained quality and continued improvement of dental and dental-related education programs but does not intervene on behalf of individuals or act as a court of appeal for individuals in matters of admission, appointment, promotion or dismissal of faculty, staff or students.
A copy of the appropriate accreditation standards and/or the Commission's policy and procedure for submission of complaints may be obtained by contacting the Commission at 211 East Chicago Avenue, Chicago IL 60611 or by calling 1-800-621-8099 extension 4563.

Internal complaint process:
1. Informal: UFCD recognizes that health care professionals should learn to address disagreements and conflicts in a mature and responsible manner. Often relational problems may be resolved best informally between the parties

involved. Students who wish to make a complaint about an issue related to the College of Dentistry should first contact their class president, vice president, or Student Affairs committee representative. The class officer can advise the student on how to best seek resolution. Oftentimes, the class officer has heard the same complaint from other classmates and will then proceed by advocating for their class as a whole rather than for one individual. Class officers may seek the help of the Assistant Dean for Student Affairs, their Class Advisor or TEAM leader. Students who do not feel comfortable discussing their concern with their class officers should discuss the complaint with the Assistant Dean for Student and Multicultural Affairs, or Associate Dean for Education.
2. Formal: If the informal procedure has been followed and a student still feels the issue is unresolved the student may initiate a formal complaint. This process may be accessed at: dental.ufl.edu**.**
The form asks for a description of the complaint including the circumstances regarding the complaint, previous efforts to resolve and restitution sought. The grievance is forwarded to the appropriate person or committee who has been designated to handle a certain type complaint. For example, the Facilities Manager would receive all complaints involving the physical plant/infrastructure of the College. A timely acknowledgement of the submission will be sent by email.

N. Health and Wellness
U Matter, We Care: If you or someone you know is in distress, please contact https://umatter.ufl.edu, 352-392-1575, or visit umatter.ufl.edu/ to refer or report a concern and a team member will reach out to the student in distress.
Counseling and Wellness Center: Visit counseling.ufl.edu/ or call 352-392-1575 for information on crisis services as well as non-crisis services.
Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit shcc.ufl.edu/.
University Police Department: Visit police.ufl.edu/ or call 352-392-1111 (or 9-1-1 for emergencies).
UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; ufhealth.org/emergency-room-trauma-center.

O. Electronic Course Material and Social Media
Recordings are for educational use only and are to be considered confidential. No recorded lecture material, university maintained or otherwise, may be shared (e.g., copied, displayed, broadcast or published) with any individual or organization within or outside the UFCD without prior written permission from the lecturer and without giving proper attribution. UFCD will take reasonable measures to prevent the inappropriate use of such recordings by individuals with access to the web site on which the recorded lectures are posted, but cannot guarantee against possible misuse. This prohibition includes placing the recording on any web page or the Internet for use by, or access to, any person, including the student. In addition to any legal ramifications, misuse of recordings will be considered as unprofessional behavior and appropriate disciplinary action will be taken according to UF policy and procedures. Materials contained within lectures may be subject to copyright protection. Please review Copyright Information for more information.
Unauthorized Recordings. A student shall not without express authorization from the faculty member and, if required by law, from other participants, make or receive any recording, including but not limited to audio and video recordings, of any class, co-curricular meeting, organizational meeting, or meeting with a faculty member. Refer to Student Conduct & Honor Code for more information.

Social Media
Social networks provide fun and exciting ways to connect with others who share common interests. Use of social media, even in a personal capacity, must comply with state and federal law concerning intellectual property, restricted records, and patient information. Text, photos, videos, and other material posted on social media pages, including personal ones, should be in keeping with generally accepted professional and/or ethical standards for one's field(s) of work and/or study. For example, patient information, even if it has been "de-identified" may not be posted. This includes photos or videos as part of medical, research, or other international humanitarian educational experiences. UF has explicit student guidelines to permit appropriate use of social media, while prohibiting conduct

through social media that is illegal or against University of Florida policy or professional standards. Refer to UF Social Media Use, Guidelines and Policy Implications for more information.

Schedule for DEN6407C- Summer 2020

DATE	TIME START	TIME END	ROOM	ACTIVITY
5/4/20	8:00 AM	8:30 AM	D3-3	L-Introduction to Principles of Bonding and Adhesion to Enamel and Dentin
5/4/20	8:30 AM	10:25 AM	D3-3	L-2 Adhesive Systems
5/4/20	10:30 AM	11:30 AM	D3-15	Lab 1 Adhesive Systems
5/6/20	8:00 AM	9:20 AM	C1-9	L-3 Resin Composites as Restorative Dental Materials
5/11/20	8:30 AM	9:20 AM	D3-3	L-4 Light Curing Principles
5/11/20	9:30 AM	11:30 AM	D3-15	Lab 2 Resin Composites
5/11/20	1:55 PM	3:50 PM	C1-9	L-5 Light Curing in Clinical Practice
5/12/20	3:00 PM	5:00 PM	Simlab	Lab 3 Light Curing Practice
5/13/20	8:30 AM	9:20 AM	D3-3	L-7 Principles of Tooth Preparation for Composite Restorations
5/13/20	9:30 AM	11:30 AM	D3-15	Lab 4 Resin Composite Preparation (O, V and M)
5/18/20	8:30 AM	9:00 AM	D3-3	L-8 Resin Composite Restoration Technique
5/18/20	9:00 AM	11:30 AM	D3-15	Lab 5 Resin Composite Preparation (MO and DO)
5/20/20	8:30 AM	9:20 AM	D3-15	L-9 Restoring Class II composites
5/20/20	9:30 AM	11:30 AM	D3-15	Lab 6 MOD preparation and restoration
5/21/20	12:50 PM	3:50 PM	D3-15	Lab 7 Class II prep and restoration
5/25/20	8:30 AM	11:30 AM	D3-15	Mock Psychomotor Exam - CL II Didactic Preparation
5/26/20	12:50 PM	2:45 PM	C1-9	L-10 Finishing and Polishing
5/27/20	8:30 AM	9:20 AM	D3-3	L-11 Complex Amalgams X Resin-based composite
5/27/20	9:30 AM	11:30 AM	D3-15	Lab 7 #3 MODL Amalgam Restoration
6/1/20	8:30 AM	9:30 PM	D3-3	L-12 Tips for restorations
6/1/20	9:30 AM	11:30 AM	D3-15	Lab 8 Amalgam vs Composite
6/3/20	2:00 PM	3:30 PM	CG-28	EXAM 1
6/8/20	8:30 AM	11:30 AM	D3-15	Lab 9- Mock Psychomotor Exam - CL II RBC Restoration
6/8/20	5:00 PM	6:30 PM	D3-15	OPTIONAL LAB
6/10/20	8:30 AM	11:30 AM	D3-15	Psychomotor EXAM 1&2 - Cl II Amalgam-Prep and RBC-Restorati
6/15/20	8:30 AM	9:20 AM	D3-3	L-13 Bulkfill Composites
6/15/20	9:30 AM	11:30 AM	D3-15	Lab 10 Bulkfill Composite Restoration
6/17/20	8:30 AM	9:20 AM	D3-3	L-14 Repair vs Replace
6/17/20	9:30 AM	11:30 AM	D3-15	Lab 11 #14 MODB RBC Restoration
6/18/20	3:00 PM	5:00 PM	D3-15	Lab 12 #18 MODL RBC Restoration
6/22/20	8:30 AM	9:20 AM	D3-3	L-15 Restorative Dental Materials Selection
6/22/20	9:30 AM	11:30 AM	D3-15	Lab 13 #14 MO/DO RBC Restoration
6/24/20	8:30 AM	11:30 AM	D3-15	Lab 14 Class II Preparation and Restoration #15 MOD
6/29/20	8:30 AM	11:30 AM	D3-15	Lab 15 #18 MODB RBC Restoration
7/1/20	8:30 AM	9:20 AM	D3-3	L-16 Indirect Restorations (Gold and Ceramics)
7/1/20	9:30 AM	11:30 AM	D3-15	Lab 16 Clinical Cases Discussion
7/13/20	8:30 AM	11:30 AM	D3-15	Mock Psychomotor Exam - Complex RBC Restoration
7/15/20	8:30 AM	11:30 AM	D3-15	Psychomotor EXAM 3 - Complex RBC Restoration
7/20/20	8:30 AM	9:20 AM	D3-3	L-17 Bonding to Ceramics
7/20/20	9:30 AM	11:30 AM	D3-15	Lab 17 Bonding to Ceramics
7/22/20	8:30 AM	9:20 AM	D3-3	L-18 Principles of Tooth Preparation for Inlays and Onlays
7/22/20	9:30 AM	11:30 AM	D3-15	Lab 18 Inlay Preparation
7/27/20	8:30 AM	9:20 AM	D3-3	L-19 Onlay for Gold X Onlay for Ceramic
7/27/20	9:30 AM	11:30 AM	D3-15	Lab 19 Onlay Preparation
7/29/20	8:30 AM	11:30 AM	D3-15	Lab 20 Onlay Preparation
8/3/20	8:30 AM	11:30 AM	D3-15	Mock Psychomotor Exam - Ceramic Onlay
8/4/20	3:00 PM	4:00 PM	D3-3	L-20 Exam Review
8/5/20	8:30 AM	11:30 AM	D3-15	Psychomotor EXAM 4 -Ceramic Onlay
8/10/20	8:30 AM	9:20 AM	D3-3	L-21 Gold Onlays
8/10/20	9:30 AM	11:30 AM	D3-15	Lab 21 #30 MODL Gold Preparation
8/12/20	8:30 AM	11:30 AM	D3-15	Lab 22 #4 MODL Gold Prepartation
8/14/20	8:30 AM	10:00 AM	C1-9	EXAM
8/17/20	8:30 AM	11:30 AM	D3-15	Reassessment
8/19/20	8:30 AM	11:30 AM	D3-15	Reassessment
8/20/20	8:30 AM	11:30 AM	D3-15	Remediation Psychomotor EXAM

Sample of Rubrics (Criteria for Psychomotor skills assessment)

UF COLLEGE of DENTISTRY

Division of Operative Dentistry
University of Florida

UFID# _____

Assessment of Didactic Class II Amalgam Preparation # _____ RD +✓ -

Please self-evaluate by circling the letter under the student portion. Comments refer to the bottom section.

Criteria	Grade	Ideal (4)		Acceptable (3)		Modifications (2)		Unacceptable (1)	
		Student	Faculty	Student	Faculty	Student	Faculty	Student	Faculty
OUTLINE FORM AND ACCESS									
B &L Clearance		I Metal matrix band passes without resistance	I			M >.5 - <.75mm Blue tip passes	M	U No clearance or black tip passes >.75 mm	U
Gingival Clearance		I 0.5 to <.75 mm Blue tip passes	I	A < .5 - > .75 mm Black tip passes/blue tip doesn't pass	A			U No clearance or > 1 mm	U
Isthmus		I 1.5 - <1.8 mm	I			M 1.0 - <1.5 mm	M	U >1.8 or <1.0 mm	U
Adjacent Tooth		I No damage	I	A Minor scratches B L M D G	A	M Multiple scratches B L M D G	M	U Damage or nicked B L M D G	U
CSM		I Smooth, no irregularities	I	A 1 area of irregularity B L M D G	A	M 2 – 3 areas of irregularities, jagged, sharp B L M D G	M	U More than 3 areas of irregularities or 1 grossly irregularity	U
INTERNAL FORM									
Axial Width		I 1.0 – 1.5 mm	I					U < 1.0 or >1.5 mm	U
Pulpal Depth		I 1.5 – 2 mm	I			M 1 - < 1.5 mm	M	U <1.0 or >2.0 mm	U
Wall Orientation		I B L Converge to occlusal M D Diverge to occlusal if present Axial Converge to occlusal	I	A 1 wall parallel 1 area of irregularity B L M D A	A	M 2 walls parallel Excessive convergence 2-3 areas of irregularities B L M D A	M	U Diverge to occlusal B L A Converge to occlusal M D Significantly over divergent (>45°)	U
Walls and Line Angles Transition		I Smooth	I	A 1 area of irregularity A P G B L M D	A	M 2-3 areas of irregularities, jagged, sharp A P G B L M D	M	U More than 3 areas of irregularities or 1 grossly irregularity, roughness, voids, undercuts, sharp A P G B L M D	U
Proximal wall		I At 90°	I			M One wall not at 90° MB ML DB DL	M	U Two walls not at 90° or unsupported enamel B L	U
Reverse curve		I Smooth transition	I	A 1 area of irregularity	A	M 2-3 areas of irregularities, jagged, sharp	M	U Sharp transition or no transition	U
Debridement /Ergonomics*	--	I Clean/ Correct work position	I			M Debris/ Incorrect work position	M		

Notes: _____

Division of Operative Dentistry
University of Florida

UFID# _____

Assessment of Didactic Complex Class II RBC Restoration # ___

Please self-evaluate by circling the letter under the student portion. Comments refer to the bottom section.

Criteria	Grade	Ideal (4)		Acceptable (3)		Modifications (2)		Unacceptable (1)	
		Student	Faculty	Student	Faculty	Student	Faculty	Student	Faculty
				OUTLINE FORM AND ACCES					
Debridement*	--	I Clean	I			M Debris	M		
Rubber Dam		I No modifications required	I			M Modifications required (see criteria below)	M		
Cavosurface Margin		I Smooth, no irregularities	I	A 1 excess or submargination B L M D O	A	M 2-3 excess or submargination <1 mm B L M D O	M	U >3 excess or submargination >1 mm B L M D O	U
Surface Finish		I Smooth, shiny	I	A 1 error, slightly rough, dull B L M D O	A	M 2-3 errors, voids, pitted, scratches, rough B L M D O	M	U >3 errors, over-polished, too much wetting resin B L M D O	U
Adjacent/Same Tooth		I No damage	I	A 1 minor scratch	A	M 2-3 scratches or 1 away from the CSM	M	U >3 scratches, damage, or nicked. Requires a restoration	U
Proximal Contacts		I Correct function	I	A Light	A	M Floss frays, broad or misplaced	M	M Open or floss does not pass	M
Embrasures		I Anatomically correct	I	A Slightly open/closed MB ML DB DL MG DG MO DO	A	M Open/closed or multiple MB ML DB DL MG DG MO DO	M	U Significantly open/closed MB ML DB DL MG DG MO DO	U
Axial Contour		I Anatomically correct	I	A Slightly over/under contoured M D L B	A	M Over/under contoured M D L B	M	U Significantly over/under contoured M D L B	U
Pits and Fossae		I Anatomically correct	I	A 1 error, narrow, wide, shallow M C D	A	M 2-3 errors, misplaced or deep, too narrow, too shallow M C D	M	U >3 errors or significant error(s), too deep M C D	U
Grooves		I Anatomically correct	I	A 1 error, narrow, wide, shallow, deep M C D B L	A	M 2- 3 errors, misplaced or deep, too narrow, too shallow M C D B L	M	U >3 errors or significant error(s), too deep M C D B L	U
Ridges		I Anatomically correct	I	A Slightly over/under contoured MB DB ML D MMR DMR	A	M Over/under contoured MB DB ML D MMR DMR	M	U Significantly over/under contoured MB DB ML D MMR DMR	U
Cusp		I Anatomically correct	I	A Slightly over/under contoured	A	M Over/under contoured slightly misplaced	M	U Significantly over/under contoured Misplaced more than 1mm	U

RUBBER DAM Modification Required Criteria

Inadequate number of isolated teeth (minimum 5 teeth)
Off-center rubber dam
Rubber dam not inverted
Shredded or torn rubber dam
Incorrect placement of metal frame
Inappropriate selection of retainer (clamp) - unstable
Retainer (clamp) pinching soft tissue
Retainer (clamp) without dental floss

NOTES:

/_____Esthetic Inlay/Onlay Preparation DEN6408C Fall Semester 2019

GRADE	Please self-evaluate by circling in pencil the letter	Ideal (4)	Acceptable (3)	Modifications (2)	Unacceptable (1)
		EXTERNAL FORM			
	Outline Form (Size & Shape of Prep)	I I Includes M, C, & D pits & B or L Grooves - Minor irregularities - Slightly over extended	A A - Multiple irregularities - Slightly under extended	M M Outline extended without support	U U Cusp(s) weakened
	Isthmus	I I 2.0 - 3.0mm		M M > 3.0 but ≤ 4.0mm	U U < 2.0mm or > 4.0mm
	Interproximal Clearance	I I 0.5 - 1.0mm		M M One or more walls > 1.0 but ≤ 1.5mm	U U One or more walls > 1.5mm or < 0.5mm
	Adjacent Tooth	I I No damage to adjacent tooth or tooth structure beyond CSM	A A Minor scratches	M M Significant scratches requiring finishing	U U Nicked tooth or a defect requiring restoration
	CavoSurface Margin	I I - Very smooth, uniform and free of irregularities - Very well defined CSM	A A 1 Isolated minor irregularity B L M D G	M M - 2-3 areas or significant irregularities B L M D G	U U -Bevel or acute angle at CSM - Poorly defined CSM - Grossly Rough B L M D G
	Enamel Support	I I - All CSMs are prepared at a 90° angle - No grossly unsupported enamel (acute enamel angles) - No acute proximal box angles (weak ceramic)	A A Minor irregularities B L M D G	M M Multiple irregularities B L M D G	U U -Unsupported tooth structure - Grossly overly convergent walls creating unsup. CSM B L M D G
		INTERNAL FORM			
	Pulpal Depth	I I 1.5 - 2.0mm	A A > 2.0 - ≤ 3.0mm	M M ≥ 1.0 - < 1.5mm	U U > 3.0mm < 1.0mm
	Axial Depth	I I 1.2 - 1.5mm	A A > 1.5 but ≤ 2.0mm	M M 1.0 - 1.2mm	U U < 1.0mm > 2.5mm
	Cusp Reduction	I I 2.0 - 3.0mm	A A > 3.0 but ≤ 4.0mm	M M >4.0mm	U U < 2.0mm
		WALL ORIENTATION			
	Buccal, Lingual, Mesial, Distal Walls	I I - divergent towards occlusal	A A - Overly divergent (> 15 but ≤ 45 degrees) - Isolated irregularity B L M D	M M - Parallel B L M D	U U - Grossly divergent (>45deg.) - Convergent - No path of insertion - Convex wall/not flat B L M D
	Axial Wall(s)	I I convergent towards occlusal	A A - Overly convergent	M M - Parallel	U U - Divergent towards occlusal (undercut) - No path of insertion
	Walls and Line Angles Transition	I I Smooth walls Line angles very well defined and rounded	A A 1 area of irregularity A P G B L M D	M M 2-3 areas of irregularities, jagged, sharp A P G B L M D	U U > 3 areas of irregularities or 1 grossly irregularity, roughness, voids, undercuts, sharp A P G B L M D
	Putty Matrices	I I -Well Adapted -Cuts are in correct location/position	A A -Minor/Isolated Adaptation issues	M M - Cuts are in NOT correct location/position but still measurable	U U -No putty matrices -Does not adapt well -Cuts are in NOT correct location/position and NOT mesurable
-	**Debridement**	I I Clean		M M Debris	

UFID_____

DEN6408C: Preclinical Operative Dentistry III
Summer 2020

Course Description:
This is the third course in a series of three courses which introduces fundamental concepts of operative dentistry emphasizing biomaterials science and its clinical application. Minimally invasive dentistry principles, direct and indirect restorative materials/ technique and ergonomics will be introduced focusing on development of psychomotor skills, self-assessment and clinical judgment.

I. General Information

Course Director: Andre Figueiredo Reis
Office: D9-16D
Email: areis@dental.ufl.edu
Phone: (352) 273-6704
Course Credits: 3
Semester: Fall
Office Hours: Mondays from 1pm to 3 pm

Contributing Faculty

Maria Caraballo	(352) 273-6939	MDelgadoCaraballo@dental.ufl.edu
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Alejandro Delgado	(352) 273-5849	ADelgado@dental.ufl.edu
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Support Staff

Michelle Burton	(352) 273-6904	MHOPKINS@dental.ufl.edu	TA / Grade Administrator
Margeaux C Johnson	(352) 273-5948	MJohnson@dental.ufl.edu	TA / Grade Administrator
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Benjamin J Mertz	(352) 273-6589	BMertz@dental.ufl.edu	TA
Kleada Novak	(352) 392-5500	kleadanovak@ufl.edu	TA
Marilyn Vaughn	(352) 294-5499	MVaughn@dental.ufl.edu	TA

Prerequisite course: DEN6407C: Preclinical Operative Dentistry II

II. Course Goals
This course is the third in a series of three courses, which are designed to provide the student with fundamental basic knowledge in Operative Dentistry focusing on the etiology, prevention, diagnosis and treatment of dental caries and its sequelae. Hand skills development in the

preparation and restoration of class V, III and IV, composite and porcelain veneers. Restoration will focus on direct (resin-based composite) and indirect (ceramic) materials with a critical thinking component of decision-making process and an esthetic analysis. The course will include the diagnosis and treatment of esthetic procedures such as direct and indirect veneers, diastema closures, composite layering and teeth whitening.

This course also includes an introduction to Digital Dentistry, in which the students will develop a digital project based on their previous experience with onlays. The course also includes continuation in dental biomaterials, focusing on the concepts of adhesive and esthetic dentistry. Since Operative Dentistry and Biomaterials contribute to a major portion of the general practice of dentistry, it is important to concentrate early in the curriculum in developing excellent clinical skills and efficiency to provide optimal patient care. Such skill and efficiency are essential components for a successful dental practice.

Finally, students will continue to learn and practice essential ergonomics for the dental practitioner designed to prevent the occurrence of musculoskeletal injury during the practice of dentistry.

III. Course Overview

Direct instruction (lectures) and simulation labs are used in this course to introduce fundamental concepts related to Operative Dentistry. The course will be divided into four modules:

1- Introduction to Digital Dentistry- digital project;

2- Class V and III: Preparing and Restoring

3- Class IV: Preparing and Restoring

4- Composite and Porcelain Veneers- Preparing and restoring.

Successful completion of this course is required to progress to DEN7744 Clinical Operative I.. It is a required pre-requisite.

IV. Course Outline

1. Principles of Digital Dentistry: CAD/CAM

2. CAD/CAM restorations: from planning to cementing

3. Carious and non-carious cervical lesions (NCCL)- Class V

4. Class III- from simple to a challenging case

5. Esthetic Principles

6. Teeth Whitening

7. Class IV Composite Restorations/ Composite layering

8. Diastema Closure

9. Direct Composite veneers

10. Indirect porcelain veneers

V. Course Material

Required textbooks: Textbooks can be ordered online or rented/purchased in the Health Science Center bookstore on the ground floor next to the Post Office. Students also have access to e-versions through the Dental Lib Guide link.

Dental Lib Guide: http://guides.uflib.ufl.edu/dental

1. "Summitt's Fundamentals of Operative Dentistry - A Contemporary Approach" by Hilton TJ et al, 4th ed., 2013. ISBN-13: 978-0867155280

2. "Phillips' Science of Dental Materials" by Kenneth J. Anusavice; H. Ralph Rawls; Chiayi Shen.;12th ed., Elsevier, 2012. ISBN-13: 978-1437724189

3. "Pulp-Dentin Biology in Restorative Dentistry" by Ivar A. Mjor, Quintessence books, 2002. ISBN-13: 978-0867154122

Other Resources:

Operative dentistry and dental biomaterials presentations, reading assignments and handouts will be posted on ECO or Canvas. http://lss.at.ufl.edu

VI. Course Objectives

The material in this course will be presented in lecture, online, laboratory, and self-study formats. Students will demonstrate application of this knowledge to the practice of dentistry:

1. Dental Caries

- Discuss the philosophy of the Department of Restorative Dental Sciences in prevention, diagnosis, and management of the caries process as well as its sequelas to the dental hard tissues.
- Describe the clinical aspects and classification of caries lesions for resin-based composite/ amalgam tooth preparations and restorations.
- Explain dental pulp physiology in the presence of active and chronic carious lesions.
- Critically indicated the best treatment and material for different clinical scenarios.

2. Dental Instruments

- Perform the sharpening and care of hand instruments.

- Describe rotary cutting instruments in reference to the following: design features and construction, shapes, sizes, numbering, functional characteristics, care and maintenance.
- Select the correct rotary and cutting instruments to obtain the ideal preparation according to the course rubrics.

3. Isolation of the Operating Field

- Discuss the rationale for using the rubber dam and other isolation techniques.
- Analyze the quality of a field isolation.
- Describe the best isolation method according to different clinical cases.
- Demonstrate the proper placement and use of the rubber dam, clamps, gingival retractor and frame to achieve field isolation.

4. Prevention, Diagnosis and Treatment of Class V (carious and non-carious lesions) and Class III carious lesions

- Demonstrate ability to execute conservative and non-conservative tooth preparations and placement, adaptation or carving of resin-based composite and/or glass ionomer restorations.
- Describe the pulp-dentin reactions to dental caries and to cavity preparations.

5. Diagnosis and Treatment of Esthetic Cases using direct and indirect restorations

- Describe the principles of esthetic dentistry
- Describe diagnosis and treatment of esthetic cases
- Describe diagnosis and treatment of teeth whitening
- Demonstrate the ability to prepare and restore Class IV composites
- Describe the techniques and steps involved in diastema closures and demonstrate those.
- Demonstrate the ability to restore direct composite veneers
- Demonstrate the ability to prepare and restore porcelain veneers

6. Digital Dentistry: from planning to cementing

- Describe the techniques and steps involved with the E4D CAD/CAM system
- Demonstrate the ability to scan, design, mill and cement an E4D CAD/CAM restoration
- Describe the indications and demonstrate the steps for the use of resin cements

7. Dental Biomaterials

- Discuss bonding mechanism in terms of joining two chemically different materials, such as resin to enamel and resin to dentin
- Indicate the polymers used in dentistry, identify different polymerization mechanisms and discuss their characteristic behaviors
- Explain how light-curing procedures differ from direct to indirect restorations and how errors introduced during this process can affect the clinical outcome
- Discuss mechanisms of failure and fracture of dental composite and ceramic restoration

- Explain the indications and contraindications of composite and ceramic veneers
- Explain the principles of cavity preparation design for composite and ceramic veneers.
- Explain the advantages and disadvantages of the digital steps for obtaining indirect restorations

8. Critical Thinking

- Discuss clinical cases and make decisions on which material would be indicated for each case;
- Discuss clinical cases and decide for the best type of preparation for each case.

VII. Evaluation
This course teaches to the following competencies in the *"Competencies for the New Dental Graduate".*

Domain I: Critical Thinking
1: Critical Thinking: Use critical thinking and problem-solving, including their use in the comprehensive care of patients, scientific inquiry and research methodology.

Domain VI: Patient Care - A. Assessment, Diagnosis, and Treatment
12: Patient Assessment, Diagnosis, Treatment Planning and Informed Consent: Provide oral health care within the scope of general dentistry to include patient assessment, diagnosis, comprehensive treatment planning, prognosis, and informed consent.

Domain VI: Patient Care - B. Establishment and Maintenance of Oral Health
17: Provide oral health care within the scope of general dentistry to include restoration of teeth.

Evaluation of student performance will consist of:

1) Didactic testing in the form of written quizzes and exams;
2) Psychomotor exams;
3) Digital Project

Written Quizzes

Quizzes related to the Operative Dentistry portion of this course will be unannounced and will cover the assigned reading for the day and any material related to the topic at hand which was previously covered in lecture or laboratory. There will be a minimum of five and a maximum of eight quizzes scheduled during the lecture/sim lab sessions of this course. The quiz with the lowest score will be dropped from each student's accumulated quiz total when determining course final grades. If a student misses a class for any reason, that quiz will be the one dropped.

Quiz questions will include multiple choice, T/F, matching, or short/long answer items.

Written Examinations

There is a total of two written examinations, a midterm and a final exam.

- The first written exam will cover all course material given up to the respective exam date.
- The second written exam will be cumulative including all course material given up to the date of the second exam.

Written examinations questions will include multiple choice, patient-box, T/F with a 4 answer item, matching, or short answer items.

Psychomotor Examinations. Four psychomotor exams are scheduled in this course (see course schedule). These practical exams will require tooth preparations and/or restorations using amalgam. The scores of these exams will be included in determining the final course grade.

The grade for each psychomotor exam will be determined by the average of points received, which will be converted into percentages as determined by the ***Operative Division.***

Psychomotor Grade Scale. Student performance is evaluated by an orderly decision-making process. Procedural items are scored 4, 3, 2, or 1 against defined criteria.

- A 4 indicates that the criteria were met at a superior level
- A 3 indicates that the criteria were met at an acceptable level
- A 2 indicates that modifications are necessary to achieve an acceptable level
- A 1 indicates that the outcome was measured to be at an unacceptable level

For each criterion an evaluative modifier (+) can be assigned to a 1, 2, or 3 grade to indicate that the student identified an error prior to faculty evaluation. Proper terminology and specific locations of all errors must be noted by the student in writing. General non-specific statements will not justify a (+) modifier.

A "1" or "1+" score on any of the criteria on a psychomotor exam will result in a failing grade. The percentage assigned is 65% or the actual score, whichever is lower, when a score of 1 is given. The percentage assigned is 70% or the actual score, whichever is lower, when a score of 1+ is given.

Points are calculated as follows:

- 4 = 4 points
- 3+ = 3.25 points
- 3 = 3 points
- 2+ = 2.25 points
- 2 = 2 points
- 1+ = 0.25 point
- 1 = 0 points

RDS Psychomotor Grade Scale

RDS Grade Scale		Assigned Psychomotor Exam Grade	
	%	Points	%
A	95-100	4.0	100
		3.9	98
		3.8	96
A-	90-94.99	3.7	94
		3.6	92
B+	86-89.99	3.5	91
		3.4	89
B	82-85.99	3.3	87
		3.2	85
B-	80-81.99	3.1	83
		3.0	81
C+	74-79.99	2.9	79
		2.8	77
C	72-73.99	2.7	75
		2.6	73
		2.5	72
E	<72	2.4	71
		2.3	70
		2.2	69
		2.1	68
		2.0	67
		1.9	65
		1.8	62
		1.7	58
		1.6	55
		1.5	51
		1.4	48
		1.3	44
		1.2	41
		1.1	37
		1.0	34
		0.9	30
		0.8	27
		0.7	23
		0.6	20
		0.5	16
		0.4	13
		0.3	9
		0.2	6
		0.1	2
		0.0	0

Students who fail a psychomotor exam *are required to participate in a reassessment process at the end of the course. The reassessment will not change the previous grade obtained in the psychomotor exam or affect the final course grade. It is essential that the skills taught in this course be demonstrated at an acceptable level before advancing to the next course and into clinical patient care.*

Digital Project. The digital project consists in a E4D Restoration Project, in which the student will have to scan, design and mill an onlay restoration. The project will be presented in a "portfolio" that should include the images of each step from the scanning to cementing the final

onlay. The course director will define a date for the delivery of the project. Students that do not deliver the project on the defined date will have %5 of points deducted por each late day.

Daily Laboratory Formative Feedback. Daily project will be assessed by the student first and then by the faculty. The intent is to teach the student to self-assess his/her work accurately in order to help them identify gaps in skill and/or knowledge and target areas that need improvement.

Assigning Grades. The final course grade will be determined based on the following:

1. Didactic component - 45% (40% written exams + 5% quizzes)

- Exam 1: Operative & Biomaterials - 20%
- Exam 2: Operative & Biomaterials - 20%
- Quizzes/Assignments: 5%

2. Psychomotor component - 50% (psychomotor exams)

Exam #1: Psychomotor I - Class V and III composite restoration - 13.75%
Exam #2: Psychomotor II - Class IV composite restoration - 13.75%
Exam #2: Psychomotor III – Composite veneer restoration - 13.75%
Exam #3: Psychomotor IV – Ceramic veneer preparation – 13.75%

3. Digital Project- 5% (project)

Final Grade - 100%

Important: There will be no make-up quizzes. One quiz can be dropped.

Missed written or psychomotor examinations will require a doctor's note, and if excused,

- the written make-up exam will be either an essay or oral examination,
- the psychomotor make-up exam will be a similar to the scheduled examination but may include different teeth and/or surfaces.

The make-up examination must be scheduled within 2 business days of the missed exam or the student's return to school. The highest attainable grade on a missed exam is an 85%.

***To pass this course, the student must have a final grade of 72% or above and must also pass BOTH the didactic and psychomotor components, each with a score of 72% or higher. The digital project grade will not be added to any of those (didactic or psychomotor) components.**

In addition, failure of more than two psychomotor exams will also lead to course failure. Information concerning course failure and course remediation is listed below. Individual examinations are not remediated during the course due to the pace of the course and the demands of other courses.

Attendance, Adherence to the Dress Code and Professional Conduct are Mandatory. The following adjustments will be made to the final course grades:

Attendance

- 5% will be deducted from the final grade for each lecture or lab missed without an excused absence.
- 5% will be deducted from the final grade for every three unexcused instances of tardiness.
- 5% will be deducted from the final grade if the daily project sheet is not returned complete by the date established by the course director.

Adherence to the Dress Code. Students must adhere to the dress code as spelled out in the Pre-doctoral Student Handbook and Clinic Procedure Manual while enrolled in any course in the Division of Operative Dentistry. It is applicable at ALL times including, lectures, exams, quizzes, and laboratory sessions. Failure to comply with the dress code will result in a reduction in your final course grade as follows:

- ***1st Offense*** - Student will be asked to leave the class and warned
- ***2nd Offense*** - Student will be asked to leave the class and a 5% reduction in your final course percentage will be imposed
- ***3rd Offense*** - Student will be asked to leave the class and an additional 5% (10% total for dress code) reduction in your final course percentage will be imposed
- ***4th Offense*** - Student will be asked to leave the class and an additional 5% (15% total for dress code) reduction in your final course percentage will be imposed
- ***5th Offense*** - Student will be issued an "E" grade in the course

Professional Conduct. The College of Dentistry expects all dental students to be professional in their dealings with patients, colleagues, faculty and staff. Behavior of a dental student reflects on a student's qualification and potential to become a competent dentist. In addition, for each lecture and laboratory session, students are expected to: be prepared, complete the self-assessment forms, follow all guidelines and instructions (which include dress code, use of iPods, headphones, etc.), and put forth an excellent effort (stay the entire session, work diligently during the lab session, etc.). Any student professional misconduct observed during lectures, exams, quizzes, and laboratory sessions will result in a **Professional Variance** (*see Pre-doctoral Student Handbook*), which results in a **5 percentage deduction from the final course grade for each Professional Variance issued.**

The grades for the final written exam, psychomotor exam, and final course grade will not be posted in ECO prior to the end of the semester, until 70% of students have completed the faculty evaluations.

Remediation. Students failing the course will be awarded an "E" grade, referred to the Student Performance Evaluation Committee (SPEC), and be placed on academic probation.

The student must meet with the course director to develop a remediation plan within one week of the notification of the failing final grade. The remediation activities are at the discretion of the course director. Faculty are available to assist students as they prepare for this examination, but the responsibility for learning the material resides with the student. The time, place, content, and passing grade of the remediation program will be individualized for each student and

arranged by the course director. The highest grade attainable in a remediated course is a “D". Students failing to satisfactorily complete the remediation program will maintain the "E" grade and be referred to SPEC for consideration for dismissal or retracting. For more information refer to the Administrative Practices Section K: Remediation.

Please note that if the course director determines that the student failed the coursework to such an extent that remedial activities would be inadequate to attain an acceptable level of academic achievement in the course material, the course director can elect not to provide remediation.

IX. DEN6408C Grade Scale

Method:	Letter Grade ▾
Use +/- Grades:	(•) Yes ( ) No
Scale:	100
Tolerance:	0.5
A	95 - 100
A-	90 - 94.99
B+	86 - 89.99
B	82 - 85.99
B-	80 - 81.99
C+	74 - 79.99
C	72 - 73.99

Administrative Practices

For further information on any of the practices listed below, consult the UFCD Student Handbook and UF Attendance Policies, catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/.

A. Attendance
Student attendance during school hours (7:25 am - 4:55 pm) is required on all days officially scheduled on the annual school calendar.
In general, acceptable reasons for absence from or failure to participate in class include illness, serious family emergencies, special curricular requirements (e.g., professional conferences), military obligation, severe weather conditions and religious holidays. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons also may be approved. For any deviation from this policy, the procedures described in the *UFCD Student Handbook* must be followed. More information can be found on this website, UF Attendance Policies**.** Leaves of absence will be handled on a case-by-case basis. Students must obtain signed approval from each course director for any non-emergency absence. Students with an absence must report to the course director within 48 hours of their return to arrange for any necessary make-up. While some course directors will not mandate attendance for lectures, attendance is mandatory for all basic science and clinical simulation laboratory sessions, all intramural and extramural rotations, special education events, testing sessions, and lectures/seminars mandated by the course director.

B. Dress Code
The dress code shall apply to all students while in the Health Science Center during usual business hours, from 7:30 a.m. - 5:30 p.m. Monday through Friday. The dress code will apply to all usual academic activities, including didactic lectures and exams, preclinical simulation classes, and clinical patient care activities during the four-year curriculum, and includes wearing their UFID badge. For special events and invited presentations by nationally recognized experts, the event organizer may require that students wear business attire
.

C. Email Policy
Within the College of Dentistry, email is the primary mode of communication between faculty, administration, staff, and students. Students are required to check their email daily, on all scheduled school days. A Gatorlink account is required as each student's primary email address.

D. Professional Behavior
The College of Dentistry expects all dental students to be professionals in their dealings with patients, colleagues, faculty and staff and to exhibit caring and compassionate attitudes. Professionalism encompasses altruism, accountability, compassion, duty, excellence and respect for others. Attitudes and behaviors inconsistent with compassionate care, refusal by or inability of the student to participate constructively in learning or patient care, derogatory attitudes or inappropriate behavior directed at patient groups, peers, faculty or staff, or other unprofessional conduct can be grounds for dismissal.

E. Student Responsibilities in the Classroom
1. It is both the responsibility of the students and faculty to ensure that decorum in the classroom is maintained at all times. Students who cannot conduct themselves appropriately should be asked, by the teacher, to the leave the room.
2. Out of courtesy to student peers and faculty, disruption in the classroom, i.e. talking, reading of newspapers, etc., is forbidden.
3. All audible communication devices, i.e. cell phones, should be turned off before entering the classroom.
4. Students are responsible for attending lectures on time and for their entirety; ensuring that conflicts in class times arising out of special circumstances such as patient scheduling, seminars or courses should be discussed before start of class with the instructor or course director.

5. Students are expected to complete all assigned readings before class and be prepared to answer questions related to the assigned material.
6. Learning is an active behavior. Accordingly, students are expected to participate in classroom discussion.
7. Laptop computers may be used for note-taking or accessing course-related materials during lectures and class sessions. Violations of this policy, such as sending or reading emails or text messages, accessing websites unrelated to the course, or use of the computer for purposes other than for the class in progress will result in loss of the privilege to bring a laptop computer to class.
8. Students must request permission of each faculty member prior to tape recording a class session.

F. Academic Honesty and the Student Honor Code
UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (sccr.dso.ufl.edu/process/student-conduct-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

G. Tutoring
A tutoring program is available to any student who fails an examination or whose performance ranks in the bottom ten percent of the class in multiple courses. Students are advised of this tutoring program during orientation and then occasionally reminded. Course directors are also aware of the program and can make a referral. Student performance is monitored by the Assistant Dean for Student and Multicultural Affairs in conjunction with the Associate Dean for Education and course directors following each block examination period. The Coordinator of Student Affairs will contact the student, provide counseling and advisement, and offer tutoring. Upon a request for tutoring by the student, the Assistant Dean for Student and Multicultural Affairs will contact the tutor (an upper class student who excelled in the course, is available and interested, and seems like the best fit for the struggling student). The student then contacts the tutor and together they work out a schedule and activity plan that is reported to and approved by the Office of Student and Multicultural Affairs. The tutor is compensated by an hourly wage. Each semester, several students take advantage of this program and student performance has been shown to improve in future examinations. Students referred for tutoring are asked to sign a tutoring agreement form so they are clearly aware of their request in the tutoring process.

H. Americans with Disabilities Act (ADA) - Student Accommodations
Students with disabilities requesting accommodations should first register with the Disability Resource Center **(352-392-8565,dso.ufl.edu/drc** by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the Assistant Dean of Advocacy and Inclusion when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester. Students requiring special testing accommodations will be handled through the Assistant Dean of Student and Multicultural Affairs. The following procedure will be followed:

a. Students requesting testing accommodation must be tested by the Disability Resources Program at Peabody Hall. Students qualifying for accommodations will receive an Accommodation Memo from that office which must be presented to the Assistant Dean of Student and Multicultural Affairs.
b. The Assistant Dean will identify the student and the specific accommodation need(s) in the course roster feature in ECO. This information can only be viewed by the course director and test administrators. The student will also be identified in the Grade Book feature of ECO viewable only by grade coordinators and course directors. Access to this information will permit test administrators to schedule and set-up the appropriate accommodation. This process replaces the former procedure of students personally informing each course director of their need for testing accommodation and securing their signature.

Students receiving special testing accommodations will be handled in manner that protects their privacy and confidentiality. Computerized testing conditions will mimic those provided in the Testing Center using similar equipment. Scheduling of accommodated examinations will occur simultaneously during regularly scheduled block examinations in a location outside of the Testing Center. When scheduling conflicts prohibit synchronous testing, the examination will be scheduled prior to the regular examination time. The College of Dentistry provides special testing accommodations for those students providing documentation. Common test accommodations include providing a scribe, a reader, extended time, quiet and separate environment, and assistive technology. Disability Resources is located within the Dean of Students Office.

I. Post-Examination Review

To facilitate and reinforce effective learning, dental students are encouraged to review any omission in knowledge through an exam review immediately following the exam (unless the Course Director indicates otherwise). Following thorough analysis of the test items and adjustment for any identified aberrant items, the individual examination scores are posted in the grade book feature of ECO.

J. Grading System

Student performance in academic coursework and clinical requirements is evaluated by letter grades (A to E). The S/U grading system is used for select courses so designated by the College and for all elective courses. Grade point averages will be derived from the numerical equivalents of the letter grade. For example, a grade of A for a three-hour course yields 12 grade points.

Passing Grades - Grade points:

Letter Grade	Grade Point
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
D	1.00
S	None

A grade of S is equal to a C or better grade, but is not calculated in the grade point system.

Failing Grades:

E	Failure	A failing grade awarded in any course will remain on the permanent record if the student fails to successfully remediate the course and is equivalent to 0.0 grade points. Any grade achieved after re-enrollment in the course will be listed separately.
U	Unsatisfactory	A failing grade assigned only when an entire course is graded S/U. No grade points are calculated and course credit is not awarded.

Non-Punitive Grades (no grade point value):

W:Withdrew: Assigned for any course dropped when the student was in good academic standing. This grade requires College approval and is assigned to students withdrawing enrollment due to personal and/or medical problems resulting in an excused extended leave of absence.

WF:Withdrew Failing: Assigned to any course dropped when the student was not in good academic standing.

I:Incomplete: Assigned to a student who is capable of achieving a passing grade in the course but who could not complete the course requirements because of extenuating circumstances. Arrangements must be made with the course director to complete the work by the end of the next semester or earlier. This grade must be rectified by the

end of the next semester. An I grade may be assigned at the discretion of the course instructor as an interim grade for a course in which the student has (1) completed a major portion of the course with a passing grade, (2) been unable to complete course requirements prior to the end of the term because of extenuating circumstances, and (3) obtained written agreement from the instructor as to the arrangements for resolution of the incomplete grade. Instructors are not required to assign I grades.
More information on UF Grading policies can be found at Grades and Grading Policies**.**

K. Remediation
Students failing any course will be awarded an "E" grade, referred to the Student Performance Evaluation Committee (SPEC), and automatically placed on academic probation. The student must meet with the course director to develop a remediation plan within one week of notification of the failing final grade. The remediation activities are at the discretion of the course director and may consist of a comprehensive examination with emphasis on those areas in which the student failed to achieve a grade of "C" or better. Faculty are available to assist students preparing for this examination, but the responsibility for learning the material resides with the student. The remedial activity will include no formal instruction. The time and place of the remediation examination will be arranged individually. Please note that if the course director determines that the student failed the coursework to such an extent that remedial activities would be inadequate to attain an acceptable level of academic achievement in the course material, the course director can recommend that the student repeat the course as the remedial activity.
The passing grade in the remediation program is a "C"; however, the highest grade attainable in a remediated course is a "D". Students failing to satisfactorily complete the remediation program will maintain the "E" grade and be referred to SPEC for consideration for dismissal or retracking. Re-enrollment will be as soon as deemed feasible by the course director in concert with the Associate Dean for Education and the SPEC. The highest final grade attainable when repeating a course in its entirety is an "A." Students failing to satisfactorily complete a course at the second offering will be referred to SPEC for further evaluation and possible action. A failing grade awarded in any course will remain on the permanent record. Any grade achieved after re-enrollment will be listed separately.

L. Student Evaluation of Instruction
Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at gatorevals.aa.ufl.edu/public-results/.

M. Complaint Process
External complaint process:
The University of Florida's DMD program is accredited by the Commission on Dental Accreditation (CODA). If a student, faculty, patient or other individual has any complaints or concerns about the college's accredited educational programs, those issues and concerns can be directed to the Commission.
CODA will review complaints that relate to the program's compliance with the accreditation standards. The Commission is interred in the sustained quality and continued improvement of dental and dental-related education programs but does not intervene on behalf of individuals or act as a court of appeal for individuals in matters of admission, appointment, promotion or dismissal of faculty, staff or students.
A copy of the appropriate accreditation standards and/or the Commission's policy and procedure for submission of complaints may be obtained by contacting the Commission at 211 East Chicago Avenue, Chicago IL 60611 or by calling 1-800-621-8099 extension 4563.

Internal complaint process:
1. Informal: UFCD recognizes that health care professionals should learn to address disagreements and conflicts in a mature and responsible manner. Often relational problems may be resolved best informally between the parties

involved. Students who wish to make a complaint about an issue related to the College of Dentistry should first contact their class president, vice president, or Student Affairs committee representative. The class officer can advise the student on how to best seek resolution. Oftentimes, the class officer has heard the same complaint from other classmates and will then proceed by advocating for their class as a whole rather than for one individual. Class officers may seek the help of the Assistant Dean for Student Affairs, their Class Advisor or TEAM leader. Students who do not feel comfortable discussing their concern with their class officers should discuss the complaint with the Assistant Dean for Student and Multicultural Affairs, or Associate Dean for Education.
2. Formal: If the informal procedure has been followed and a student still feels the issue is unresolved the student may initiate a formal complaint. This process may be accessed at: dental.ufl.edu**.**
The form asks for a description of the complaint including the circumstances regarding the complaint, previous efforts to resolve and restitution sought. The grievance is forwarded to the appropriate person or committee who has been designated to handle a certain type complaint. For example, the Facilities Manager would receive all complaints involving the physical plant/infrastructure of the College. A timely acknowledgement of the submission will be sent by email.

N. Health and Wellness
U Matter, We Care: If you or someone you know is in distress, please contact https://umatter.ufl.edu, 352-392-1575, or visit umatter.ufl.edu/ to refer or report a concern and a team member will reach out to the student in distress.
Counseling and Wellness Center: Visit counseling.ufl.edu/ or call 352-392-1575 for information on crisis services as well as non-crisis services.
Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit shcc.ufl.edu/.
University Police Department: Visit police.ufl.edu/ or call 352-392-1111 (or 9-1-1 for emergencies).
UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; ufhealth.org/emergency-room-trauma-center.

O. Electronic Course Material and Social Media
Recordings are for educational use only and are to be considered confidential. No recorded lecture material, university maintained or otherwise, may be shared (e.g., copied, displayed, broadcast or published) with any individual or organization within or outside the UFCD without prior written permission from the lecturer and without giving proper attribution. UFCD will take reasonable measures to prevent the inappropriate use of such recordings by individuals with access to the web site on which the recorded lectures are posted, but cannot guarantee against possible misuse. This prohibition includes placing the recording on any web page or the Internet for use by, or access to, any person, including the student. In addition to any legal ramifications, misuse of recordings will be considered as unprofessional behavior and appropriate disciplinary action will be taken according to UF policy and procedures. Materials contained within lectures may be subject to copyright protection. Please review Copyright Information for more information.
Unauthorized Recordings. A student shall not without express authorization from the faculty member and, if required by law, from other participants, make or receive any recording, including but not limited to audio and video recordings, of any class, co-curricular meeting, organizational meeting, or meeting with a faculty member. Refer to Student Conduct & Honor Code for more information.

Social Media
Social networks provide fun and exciting ways to connect with others who share common interests. Use of social media, even in a personal capacity, must comply with state and federal law concerning intellectual property, restricted records, and patient information. Text, photos, videos, and other material posted on social media pages, including personal ones, should be in keeping with generally accepted professional and/or ethical standards for one's field(s) of work and/or study. For example, patient information, even if it has been "de-identified" may not be posted. This includes photos or videos as part of medical, research, or other international humanitarian educational experiences. UF has explicit student guidelines to permit appropriate use of social media, while prohibiting conduct

through social media that is illegal or against University of Florida policy or professional standards. Refer to UF Social Media Use, Guidelines and Policy Implications for more information.

Schedule for DEN6408C- Fall 2020

DATE	TIME START	TIME END	ROOM	ACTIVITY
5/4/20	8:00 AM	8:30 AM	D3-3	L-Introduction to Principles of Bonding and Adhesion to Enamel and Dentin
5/4/20	8:30 AM	10:25 AM	D3-3	L-2 Adhesive Systems
5/4/20	10:30 AM	11:30 AM	D3-15	Lab 1 Adhesive Systems
5/6/20	8:00 AM	9:20 AM	C1-9	L-3 Resin Composites as Restorative Dental Materials
5/11/20	8:30 AM	9:20 AM	D3-3	L-4 Light Curing Principles
5/11/20	9:30 AM	11:30 AM	D3-15	Lab 2 Resin Composites
5/11/20	1:55 PM	3:50 PM	C1-9	L-5 Light Curing in Clinical Practice
5/12/20	3:00 PM	5:00 PM	Simlab	Lab 3 Light Curing Practice
5/13/20	8:30 AM	9:20 AM	D3-3	L-7 Principles of Tooth Preparation for Composite Restorations
5/13/20	9:30 AM	11:30 AM	D3-15	Lab 4 Resin Composite Preparation (O, V and M)
5/18/20	8:30 AM	9:00 AM	D3-3	L-8 Resin Composite Restoration Technique
5/18/20	9:00 AM	11:30 AM	D3-15	Lab 5 Resin Composite Preparation (MO and DO)
5/20/20	8:30 AM	9:20 AM	D3-15	L-9 Restoring Class II composites
5/20/20	9:30 AM	11:30 AM	D3-15	Lab 6 MOD preparation and restoration
5/21/20	12:50 PM	3:50 PM	D3-15	Lab 7 Class II prep and restoration
5/25/20	8:30 AM	11:30 AM	D3-15	Mock Psychomotor Exam - CL II Didactic Preparation
5/26/20	12:50 PM	2:45 PM	C1-9	L-10 Finishing and Polishing
5/27/20	8:30 AM	9:20 AM	D3-3	L-11 Complex Amalgams X Resin-based composite
5/27/20	9:30 AM	11:30 AM	D3-15	Lab 7 #3 MODL Amalgam Restoration
6/1/20	8:30 AM	9:30 PM	D3-3	L-12 Tips for restorations
6/1/20	9:30 AM	11:30 AM	D3-15	Lab 8 Amalgam vs Composite
6/3/20	2:00 PM	3:30 PM	CG-28	EXAM 1
6/8/20	8:30 AM	11:30 AM	D3-15	Lab 9- Mock Psychomotor Exam - CL II RBC Restoration
6/8/20	5:00 PM	6:30 PM	D3-15	OPTIONAL LAB
6/10/20	8:30 AM	11:30 AM	D3-15	Psychomotor EXAM 1&2 - Cl II Amalgam-Prep and RBC-Restorati
6/15/20	8:30 AM	9:20 AM	D3-3	L-13 Bulkfill Composites
6/15/20	9:30 AM	11:30 AM	D3-15	Lab 10 Bulkfill Composite Restoration
6/17/20	8:30 AM	9:20 AM	D3-3	L-14 Repair vs Replace
6/17/20	9:30 AM	11:30 AM	D3-15	Lab 11 #14 MODB RBC Restoration
6/18/20	3:00 PM	5:00 PM	D3-15	Lab 12 #18 MODL RBC Restoration
6/22/20	8:30 AM	9:20 AM	D3-3	L-15 Restorative Dental Materials Selection
6/22/20	9:30 AM	11:30 AM	D3-15	Lab 13 #14 MO/DO RBC Restoration
6/24/20	8:30 AM	11:30 AM	D3-15	Lab 14 Class II Preparation and Restoration #15 MOD
6/29/20	8:30 AM	11:30 AM	D3-15	Lab 15 #18 MODB RBC Restoration
7/1/20	8:30 AM	9:20 AM	D3-3	L-16 Indirect Restorations (Gold and Ceramics)
7/1/20	9:30 AM	11:30 AM	D3-15	Lab 16 Clinical Cases Discussion
7/13/20	8:30 AM	11:30 AM	D3-15	Mock Psychomotor Exam - Complex RBC Restoration
7/15/20	8:30 AM	11:30 AM	D3-15	Psychomotor EXAM 3 - Complex RBC Restoration
7/20/20	8:30 AM	9:20 AM	D3-3	L-17 Bonding to Ceramics
7/20/20	9:30 AM	11:30 AM	D3-15	Lab 17 Bonding to Ceramics
7/22/20	8:30 AM	9:20 AM	D3-3	L-18 Principles of Tooth Preparation for Inlays and Onlays
7/22/20	9:30 AM	11:30 AM	D3-15	Lab 18 Inlay Preparation
7/27/20	8:30 AM	9:20 AM	D3-3	L-19 Onlay for Gold X Onlay for Ceramic
7/27/20	9:30 AM	11:30 AM	D3-15	Lab 19 Onlay Preparation
7/29/20	8:30 AM	11:30 AM	D3-15	Lab 20 Onlay Preparation
8/3/20	8:30 AM	11:30 AM	D3-15	Mock Psychomotor Exam - Ceramic Onlay
8/4/20	3:00 PM	4:00 PM	D3-3	L-20 Exam Review
8/5/20	8:30 AM	11:30 AM	D3-15	Psychomotor EXAM 4 -Ceramic Onlay
8/10/20	8:30 AM	9:20 AM	D3-3	L-21 Gold Onlays
8/10/20	9:30 AM	11:30 AM	D3-15	Lab 21 #30 MODL Gold Preparation
8/12/20	8:30 AM	11:30 AM	D3-15	Lab 22 #4 MODL Gold Prepartation
8/14/20	8:30 AM	10:00 AM	C1-9	EXAM
8/17/20	8:30 AM	11:30 AM	D3-15	Reassessment
8/19/20	8:30 AM	11:30 AM	D3-15	Reassessment
8/20/20	8:30 AM	11:30 AM	D3-15	Remediation Psychomotor EXAM

Sample of Rubrics (Criteria for Psychomotor skills assessment)

Faculty Assessment and Student Self-Assessment

Operative III DEN6408C 2019

Composite Veneer Restoration #_____ UFID #_____

Grade		Ideal (4)	Acceptable (3)	Modifications (2)	Unacceptable (1)
	Cavosurface Margin	I I Smooth, flush, well adapted	A A 1 isolated area submargination / excess F L I G M D	M M 2-3 areas submargination / excess < 1mm F L I G M D	U U > 3 areas/ significant of excess / submargination/ >1mm F L I G M D
	Restoration Surface	I I Smooth, well adapted, and shined to high gloss	A A 1 error: voids/ scratches/ irregularities/Dull F L I G M D	M M 2-3 errors: voids/ scratches/ irregularities/ dull/ flat F L I G M D	U U > 3 areas/ significant roughness, voids or deep scratches/Unpolished /concave F L I G M D
	Facial Surface				
	Overall Facial Surface	I I Proper Contour	A A 1 Area slightly over/under contoured C M I	M M 2-3 Areas slightly over/under contoured C M I	U U Significantly over or under contoured C M I
	Mesial Surface				
	MF line angle (F, I & C views)	I I Proper Contour	A A MF slightly over/under contoured or misplaced	M M MF over/under contoured or misplaced	U U MF significantly over/under contoured or misplaced
	Incisal Embrasure	I I Proper embrasure	A A Embrasure Slightly Closed / Open	M M Embrasure Closed / Open	U U Embrasure Significantly Closed / Open / Irregular
	Facial Embrasure	I I Proper embrasure	A A Embrasure Slightly Closed / Open	M M Embrasure Closed / Open	U U Embrasures Significantly Closed / Open / Irregular
	Proximal Contour, Proximal Contact, Gingival Embrasure (F or I view)	I I Proper Contour Proper Embrasure Space Proper Contact	A A M surf slightly over/under contoured or misplaced F/G Embrasure slightly open/closed Contact light/broad	M M M surf over/under contoured or misplaced F/G Embrasure open/closed Contact slightly open/>2.0mm broad	U U M surf sig over/under contoured or misplaced F/G Embrasures sig open/closed Contact significantly open
	Development Depression (F, I or C view)	I I Proper Contour	A A Slightly short/long/deep/shallow/narrow/wide	M M short/long/deep/shallow/narrow/wide or misplaced	U U Significantly short/long/deep/shallow/narrow/wide misplaced/ incorrect/absent
	Distal Surface				
	DF line angle (F, I & C views)	I I Proper Contour	A A MF slightly over/under contoured or misplaced	M M MF over/under contoured or misplaced	U U MF significantly over/under contoured or misplaced
	Incisal Embrasure	I I Proper embrasure	A A Embrasure Slightly Closed / Open	M M Embrasure Closed / Open	U U Embrasure Significantly Closed / Open / Irregular
	Facial Embrasure	I I Proper embrasure	A A Embrasure Slightly Closed / Open	M M Embrasure Closed / Open	U U Embrasures Significantly Closed / Open / Irregular
	Proximal Contour, Proximal Contact, Gingival Embrasure (F or L view)	I I Proper Contour Proper Embrasure Space Proper Contact	A A D surf slightly over/under contoured or misplaced F/G embrasure slightly open/closed Contact light/broad	M M D surf over/under contoured or misplaced F/G embrasures open/closed Contact slightly open/≥2.0mm broad	U U D surf sig over/under contoured or misplaced F/G embrasures sig open/closed Contact sig open
	Development Depression (F, I or C view)	I I Proper Contour	A A Slightly short/long/deep/shallow/narrow/wide	M M Short/long/deep/shallow/narrow/wide or misplaced	U U Significantly short/long/deep/shallow/narrow/wide misplaced/ incorrect/absent
	Incisal Surface				
	Incisal Length & Incisal Edge	I I Same length as adj tooth Proper angle (45°) (F longer than L)	A A Slightly longer/shorter than adj I edge 45°- 90° (irregular)	M M 90° (flat)	U U Sig longer/ shorter than adjacent incisal edge 135° (L longer than F)
	Incisal Thickness	I I Same thickness as adjacent tooth	A A <1.0mm thicker/ thinner than adjacent incisal edge	M M 1.0mm thicker/ thinner than adjacent incisal edge	U U Sig thicker/ thinner than adjacent incisal edge

Notes:_____

Faculty Assessment and Student Self-Assessment

DEN6408C 2019

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Assessment of Porcelain Veneer Preparation #_____ ***UFID#_____***

GRADE	Please self-evaluate by circling in pencil the letter (Do not enter a grade in the box)	Ideal (4)	Acceptable (3)	Modifications (2)	Unacceptable (1)
	Putty Matrices	I I -Well Adapted -Cuts are in correct location/position	A A -Minor/Isolated Adaptation issues -Cuts are in correct location/position	M M - Multiple minor adaptation issues - Cuts are in NOT correct location/position but still measurable	U U -Does not adapt well -Cuts are in NOT correct location/position and NOT mesurable
	CSM	I I -Smooth, well defined -No unsupported enamel (sharp enamel angles)	A A 1 area of isolated irregularity F L I G M D	M M 2-3 areas of irregularities F L I G M D	U U -> 3 areas/Significant / sharp -Unsupported enamel/lip -Acute/sharp enamel angles -Under-extended (margin too facial) -Over-extended (broke contact completely) F L I G M D
	Outline Form (Size & Shape of Prep)	I I -Smooth, uniform, rounded angles, free of irregularities -Involves entire facial surface partially the proximal surfaces -Ideal outline and shape	A A -1 Isolated area with scratches/ irregularities -Slightly under-extended or slightly over-extended F L I G M D	M M -2-3 areas with scratches/ irregularities/ rough surface/ flat -Under-extended / over-extended -Isolated sharp angles F L I G M D	U U -> 3 areas, significant roughness, deep scratches, undercuts, sharp angles -Very irregular, too shallow, too deep F L I G M D
	Distance from Gingiva	I I 0.5mm – 1mm		M M >1.0mm or <0.5mm	U U >1.5mm or subgingival
		Facial Preparation			
	Cervical	I I 0.5	A A >0.5 but ≤0.7mm	M M >0.7 but ≤1mm	U U <0.5mm or >1mm
	Medial/ Incisal	I I 0.5 – 1mm	A A >1 but ≤1.5mm	M M >1.5 but ≤2mm	U U <0.5mm or >2mm
	Incisal Reduction	I I 1-1.5mm	A A >1.5 but ≤2.0mm	M M >2 but ≤2.5mm	U U <1 mm or >2.5mm
	Line Angles MF and DF	I I -Slightly convergent towards the facial surface	A A -Overly convergent towards the facial surface M D	M M -Parallel -too flat / too rounded M D	U U -Divergent towards the facial surface -No path of insertion M D
	Line Angle IF	I I -Round angle Inclination towards the facial surface	A A -Flat incisal plane	M M -Sharp angle	U U -Incisal inclined towards lingual
	Adjacent tooth/ Remaining Tooth	I I No Damage	A A Minor scratches	M M Scratches needing polishing	U U Major Scratches/Nicked requiring a restoration
-	**Debridement**	I I Clean		M M Debris	

Notes:_____

Division of Operative Dentistry
University of Florida

Assessment of didactic class V RBC restoration #____

UFID#_____

Please self-evaluate by circle the letter under the student portion, if you need to add a comment please refer to the bottom of the page

Rubber Dam + -

Criteria	Grade	Ideal (4)		Acceptable (3)		Modifications (2)		Unacceptable (1)	
		Student	Faculty	Student	Faculty	Student	Faculty	Student	Faculty
Debridement*	-	I Clean	I					U Debris	U
Cavosurface Margin		I Smooth, No irregularities	I	A Isolated excess or submargination **M D I/C G**	A	M Multiple excess or submargination <1mm **M D I/C G**	M	U Excess/submargination >1 mm **M D I/C G**	U
Surface Finished		I Smooth , Shiny	I	A Isolated error, slightly rough, dull	A	M Multiple errors, voids, pitted, scratches, rough	M	U Significant errors, Overpolished, Wetting resin or primer on it	U
Anatomy/ Contour		I Anatomically correct	I	A Isolated error Slightly over/under contoured **M C D**	A	M Misplaced over/under contoured **M C D**	M	U Significant over/under contoured **M C D**	U
Adjacent tooth/ teeth structure		I No damage	I	A Minor scratches at the CSM	A	M Multiple scratches or scratches away from CSM	M	U Damage, nicked	U

Debridement	I U	Clean with no debris present Debris present, rubber dam, pencil marks or inadequate cleansing (This will eliminate plusses)
CSM	I A M U	Smooth, Free of irregularities Isolated excess or submargination Multiple excess or submargination less than <1mm Isolated excess/submargination greater than >1 mm
Surface Finished	I A M U	Smooth , Shiny Isolated error, slightly rough, surface dull or mate Multiple errors, voids, pits, scratches, rough Significant errors, Overpolished restoration
Anatomy/ Contour	I A M U	Anatomical correct Slightly over/undercontoured Over/under contoured or multiple Significant over/under contoured
Adjacent tooth/teeth	I A M U	No damage to adjacent tooth Minor scratches which requires re –contour Multiple scratches which requires re –contour Damage or nicked that requires restoration

Division of Operative Dentistry
University of Florida

RD _____

H_2O _____

Assessment of didactic class III RBC restoration #____

Please self-evaluate by circle the letter under the student portion, if you need to add a comment please refer to the bottom of the page

Criteria	Grade	Ideal (4)		Acceptable (3)		Modifications (2)		Unacceptable (1)	
		Student	Faculty	Student	Faculty	Student	Faculty	Student	Faculty
Debridement*	-	I Clean	I					U Debris	U
Cavosurface Margin		I Smooth, No irregularities	I	A 1 excess or submargination I G A F	A	M 2-3 excess or submargination <1mm I G A F	M	U >3 excess/submargination ≥1 mm with composite or adhesive I G A F	U
Surface Finished		I Smooth , Shiny	I	A 1 error, slightly rough, dull I G A F	A	M 2-3 voids, pitted, scratches, rough , very dull I G A F	M	U >3 errors, voids Overpolished, Too much wetting resin or adhesive I G A F	U
Axial Contour		I Anatomically correct	I	A Slightly over/undercontoured	A	M over/undercontoured	M	U Significant over/undercontoured	U
Proximal Contact		I Anatomically correct	I	A Light contact	A	M Misplaced, broad, floss frays	M	U Open Contact Floss does not pass	U
Lingual/Facial Contour		I Anatomically correct	I	A Slightly over/undercontoured	A	M over/undercontoured	M	U Significant over/undercontoured	U
Adjacent tooth structure		I No damage	I	A 1 minor scratches	A	M 2-3 scratches or 1 away from csm	M	U >3 scratches or Damage, nicked	U

Debridement	I U	Clean with no debris present Debris present, rubber dam, pencil marks or inadequate cleansing (This will eliminate plusses)
CSM	I A M U	Smooth, Free of irregularities 1 excess or submargination 2-3 excesses or submarginations less than <1mm >3 excesses/submarginations greater or equal 1 mm
Surface Finished	I A M U	Smooth , Shiny 1 error, slightly rough, surface dull or mate 2-3 errors, voids, pits, scratches, rough >3 or Significant errors, Overpolished restoration, adhesive layer
Axial Contour	I A M U	Anatomical correct Slightly over/undercontoured Over/under contoured or multiple Significant over/under contoured

Proximal Contour	I A M U	Anatomical correct Slightly over/undercontoured Over/under contoured or multiple Significant over/under contoured
Lingual Contour	I A M U	Anatomical correct Slightly over/undercontoured Over/under contoured or multiple Significant over/under contoured
Adjacent Tooth	I A M U	No damage to adjacent tooth Minor scratches which requires re –contour 2-3 scratches which requires re –contour >3 scratches or Damage or nicked that requires restoration

DEN9990: DEN5XXX: Introduction to Clinical Care 1- Semester 1
Fall 2020

Course Description:
This is the first course in a series of four courses which provides foundational information in clinical care for novice dental students. Areas of patient safety, risk management, infection prevention, standardized clinical practices, information security, and emergency preparedness are applied by students to prepare them for clinical person-centered care.

I. General Information

Course Director: Cesar Migliorati
Office:
Email: C.Migliorati@dental.ufl.edu
Phone: (352) 294-8772
Course Credits: 1
Semester: Fall

Contributing Faculty
Luisa Echeto (352) 273-6907 LECHETO@dental.ufl.edu

Support Staff
Richelle G Janiec (352) 273-6820 RJANIEC@dental.ufl.edu TA / Syllabus / Grade Administrator

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II. Course Goals

The goal of this course is to assist the student in developing the foundation knowledge, skills, and professional behavior necessary to become a safe dental provider. Additionally, this course will guide the student in:

- Adopting principles of risk prevention which encompass skills and applications associated with patient safety, infection control, standardized clinical practices, information security, and emergency preparedness.
- Exemplifying extraordinary professional standards.
- Educating healthcare colleagues on the importance of oral health.
- Demonstrating basic safety standards associated with patient care.
- Training and maintaining information security of the electronic health record/electronic patient record.
- Integrating effective use of axiUm the clinic management software into daily practice as you serve the college as a dental provider.
- Supporting quality assurance processes within the clinical environment.

An additional goal of this course will reinforce Goal 2 the UFCD Strategic Plan which states: provide excellent, patient (now called person)-centered oral health care grounded in evidence.

Person-center care includes several phases of the patient assessment. This process starts with the patient interview and rapport building. Following the natural development of the patient assessment, the next phases include detecting and diagnosing risks (medical, dental and periodontal), formulation of a treatment plan that is in agreement with the patient needs, expectations and finances, and the therapy that will reduce or eliminate risks as much as possible, to achieve oral health and wellness. Following, the patient will be placed on a periodic recall for a reasonable time period on a case by case basis.
Students will learn:

- The importance of treating a person as a whole,
- Following the correct phasing of treatment, facilitate the patient's achievement of a wellness status,
- Meeting patient’s expectations and matching them with current scientific evidence,
- Understanding the importance of integrating dental care and general medical health,
- Making a compromise with the patient: dental health and wellness can only be achieved and maintained if both sides work as a team and help each other.

III. Course Overview

Lectures and clinical laboratory exercises will support foundation knowledge and clinical application of quality patient care.

IV. Course Outline

Pre-admission Assignments to be posted in Canvas:
Proof of Health Insurance (or sign official UF waiver)
HIPAA training completion and sign Confidentiality Statement
Bloodborne Pathogens and Biomedical Waste Safety Training
Basic Life Support with AED for Health Care Professionals (taken within 12 weeks prior to the UFCD class orientation)(retake in Semester 6)
What does a professional dental student look like? (Photo quiz)

Semester 1:
L-1: "With the End in Mind" how to plan for completion of the DMD program. (Patient recruitment, Planning for major events: 6 hours of elective courses, Continuing Education Credit hours in 3rd and 4th years, signing up for the national and state board examinations.)

L-2: Team STEPPS-IMSAFE
L-3 (pre-assignment: Becoming a patient) How to use the Patient Portal
Lab: Students register in the patient portal and then enter their medical history.
L-4: Introduction to Infection Control
L-5: Sterilization 1.0 (Students must bring their UF photo ID's) Disinfection/Sterilization/Sharps
Clinic 1: Handwashing, Proper use of personal protective equipment (PPE), set up and break down an operatory
Clinic 2: Receive a new patient examination by a 2DN - could this be a coordinated in Sem 1 & Sem 4 (as part of DEN6302C)?
L-6 Introduction to axiUm and using case-patients in axiUm
L-7 Introduction to ergonomics and work zones
Clinic 3: Build upon principles of infection prevention and practice seating/positioning and work zones
L-8: General Safety (Fire Safety)
L-9: Social Media and Privacy

V. Course Material

Course Materials are posted in the Documents section.

VI. Course Objectives

Introduction to Clinical Care-Semester Objectives:

1. Complete Bloodborne Pathogen and Biomedical Waste management training.
2. Provide proof of Medical Insurance
3. Sign MOU acknowledging personal responsibility to maintain Health Ins and adhere to safety protocols.
4. Recognize the dress code standards of professional dental students.
5. Associate with the need to plan for graduation and beyond as the student progresses through dental school.
6. Explain how the mnemonic IMSAFE will help the professional dental student be a safe provider.
7. Become a patient of UFCD – go to patient services to be established as a patient of UFCD.
8. Open the patient portal – complete the medical/ dental history and update demographics.
9. Apply infection control standards for clinical practice demonstrate proper application of hand hygiene standards.
10. Demonstrate proper application of hand hygiene standards.
11. Demonstrates proper use of Personal Protection Equipment.
12. Recognize how to identify when dental instruments have been properly processed for sterilization.
13. Demonstrate how to properly break-down a denial operatory after patient care.
14. Be able to open axiUm and navigate the user interface to identify the personal planner.
15. Recite dental ergonomic work zones.
16. Demonstrate how to sit in and adjust dental assistants stool for optimal efficiency and safety.
17. Demonstrate how to sit in and adjust the dental operator’s stool for optimal efficiency and safety.
18. Demonstrate how to effectively seat and position a patient as the dental assistant.
19. Demonstrate how to effectively seat and position a patient as the dental operator.
20. Employ information security principles by using windows – L or CTRL-ATL-DEL to lock work station when leaving a laptop or desktop computer.
21. Identify the training instance of axiUm and how to locate standardized patients for learning experiences.
22. Identify Fire pull stations, Fire exits, 2 means to exit any location.
23. Recognize your responsibility to help the patient and team exit during a fire.
24. Cooperate with organizational security measures.
25. Identify risks and benefits associated with using social media to communicate as a professional.

Lecture(s):

- Lecture 1: "Begin with the end in Mind" presented by the Associate Dean of Clinical Affairs with selected senior students.
- Lecture 2: Brief introduction of the concepts of TeamSTEPPS with focus on IMSAFE and examples of how to incorporate IMSAFE into daily professional life.
- Lecture 3: Pre laboratory assignment. Become a patient of record at UFCD.
- Lecture 4: Introduction to infection control show “IF saliva were Red” video as trigger video with follow up discussion.
- Lecture 5: Sterilization overview of policy and procedures pertaining to the use of instruments for patient care.
- Lecture 6: Introduction to the patient management system “axiUm”.
- Lecture 7: Introduction to ergonomic work zones.

- Lecture 8: General Safety Fire Safety at UFCD.
- Lecture 9: Organizational security measures and social media.

VII. Course Competencies

VIII. Evaluation

This course teaches the following competencies in the *"Competencies for the New Dental Graduate".*

Domain I: Critical Thinking
3: Apply biomedical science knowledge in the delivery of patient care.

Domain II: Professionalism
4: Ethical Standards: Apply principles of ethical decision making and professional responsibility.
5: Legal Standards: Apply legal and regulatory concepts related to the provision and/or support of oral health care services.

Domain IV: Health Promotion
9: Health Promotion & Disease Prevention: Provide oral health care within the scope of general dentistry to include health promotion and disease prevention.
10: Interprofessional Experiences: Communicate and collaborate with other members of the health care team to facilitate the provision of health care.

Grade weighting for this course:
Attendance at all laboratory/clinical sessions is mandatory

Completion of all training, Establishing a UFCD patient record and other documentation assignments - 25%
Clinical Exercise 1: Infection Control / Chair set up/breakdown - 25%
Clinical Exercise 2: Student Patient Exam - 25%
Clinical Exercise 3: Ergonomics and work zones - 25%

Students with a score 72 or higher receive a "Satisfactory" grade in this course.
Students with a score below 72 receive an "Unsatisfactory" grade in this course and must remediate the course.

Course Remediation: The student would meet with the Course Director to determine the type of assessment to remediation this course. For more information see the Administrative Practices section of the syllabus

Course/Faculty Evaluation:

“Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://ufl.bluera.com/ufl/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.”

IX. Administrative Practices

Administrative practices for all UFCOD courses are universally applied. Exceptions to or deviations from these practices are stated in the individual syllabi by the course director. When not individually stated in the syllabus, course administrative practices default to those identified under "Administrative Practices" in the ECO sidebar for each electronic syllabus. These practices include: Professional Behavior, Student Responsibilities in the Classroom, Attendance, Dress Code, Email Policy, Tutoring, Academy Honesty and the Student Honor Code, Student Accommodations, Post-exam Review, Grading System, Remediation, Student Evaluation of Instruction, Student Complaints, University Counseling Services and Mental Health Services and Electronic Course Material and Social Media.

X. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.

DEN9990: DEN5XXX: Introduction to Clinical Care 2- Semester 2
Spring 2021

Course Description:
This is the second course in a series of four courses which provides foundational information in clinical care for novice dental students. Areas of patient safety, risk management, infection prevention, standardized clinical practices, information security, and emergency preparedness are applied by students to prepare them for clinical person-centered care.

I. General Information

Course Director: Cesar Migliorati
Office:
Email: C.Migliorati@dental.ufl.edu
Phone: (352) 294-8772
Course Credits: 1
Semester: Spring

Contributing Faculty
Luisa Echeto (352) 273-6907 LECHETO@dental.ufl.edu

Support Staff
Richelle G Janiec (352) 273-6820 RJANIEC@dental.ufl.edu TA / Syllabus / Grade Administrator

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II. Course Goals

The goal of this course is to assist the student in developing the foundation knowledge, skills, and professional behavior necessary to become a safe dental provider. Additionally, this course will guide the student in:

- Adopting principles of risk prevention which encompass skills and applications associated with patient safety, infection control, standardized clinical practices, information security, and emergency preparedness.
- Exemplifying extraordinary professional standards.
- Influencing healthcare colleagues on the importance of oral health.
- Demonstrating basic safety standards associated with patient care.
- Training and maintaining information security of the electronic health record/electronic patient record.
- Integrating effective use of axiUm the clinic management software into daily practice as you serve the college as a dental provider.
- Supporting quality assurance processes within the clinical environment.

An additional goal of this course will reinforce Goal 2 the UFCD Strategic Plan which states: provide excellent, patient (now called person)-centered oral health care grounded in evidence.

Person-center care includes several phases of the patient assessment. This process starts with the patient interview and rapport building. Following the natural development of the patient assessment, the next phases include detecting and diagnosing risks (medical, dental and periodontal), formulation of a treatment plan that is in agreement with the patient needs, expectations and finances, and the therapy that will reduce or eliminate risks as much as possible, to achieve oral health and wellness. Following, the patient will be placed on a periodic recall for a reasonable time period on a case by case basis.
Students will learn:

- The importance of treating a person as a whole,
- Following the correct phasing of treatment, facilitate the patient's achievement of a wellness status,
- Meeting patient’s expectations and matching them with current scientific evidence,
- Understanding the importance of integrating dental care and general medical health,
- Making a compromise with the patient: dental health and wellness can only be achieved and maintained if both sides work as a team and help each other.

III. Course Overview

Lectures and clinical laboratory exercises will support foundation knowledge and clinical application of quality patient care.

IV. Course Outline

Semester 2:

L-1: Introduction to Medical History Interview
L-2: Introduction to Managing Medical Emergencies in the UFCD Dental Clinics (UFHealth Protocols)
Clinic-1: Locate medical emergency supplies in the clinic, role play reporting/responding to a medical emergency in a clinic.
L-3: Infection prevention/Ergonomics: Maintaining a clean working field, Safe Instrument Transfer, Operatory Maintenance
Clinic-2: Practice Infection Prevention & Ergonomics: Seating/Positioning & Safe Instrument Transfer/Oral evacuation
L-4: Introduction to Dentition and Soft-tissue Charting (paper)
Lab-1: Practice Dentition and Soft-tissue Charting on Paper
L-5: Introduction to Documentation of Charting and Treatment in axiUm
Lab-2: Practice entering dentition/soft-tissue chart findings in axiUm, practice planning/completing sealants in axiUm (before the end of

March-aligned with Cariology Course)
L-6: Introduction to Hazardous Materials Management (Safety Data Sheets)
Lab-Create an Oral Hygiene Pamphlet on brushing and flossing for the IP clinic with Physical Therapy students (coordinate with DEN5502C and DEN5010 ISL clinic.)

V. Course Material

Course Materials are posted in the Documents section.

VI. Course Objectives

Introduction to Clinical Care-Semester 2

Objectives:

1. Locate emergency phone lists in the dental clinic.
2. Locate medical emergency equipment in the dental clinics.
3. Accurately articulate how to call Medical Emergency Response (ARN, Oral surgery, Code Blue)
4. Operate a Zoll AED in a training setting.
5. Operate emergency oxygen- using a bag/valve mask- using a nasal cannula.
6. Build upon ergonomic skills of seating and positioning AND demonstrate how to safely pass dental instruments as a dental assistant.
7. Build upon ergonomic skills of seating and positioning AND demonstrate how to safely receive dental instruments as a dental operator.
8. Apply working knowledge of infection prevention standards and regulations in the clinical setting.
9. Define Standardized dentition charting system utilized by UFCD (Universal Chart number system, Paper charting process, Hard tissue, Periodontal)
10. Building upon dental anatomy knowledge, employ charting practices by accurately documenting hard tissue and periodontal findings on a paper record.
11. Transfer documented dentition and periodontal chart findings from paper to the patient's electronic health record.
12. Acknowledge safety controls when utilizing dental materials in patient care settings.
13. Supporting concurrent courses (DEN 5502C and DEN 5010) create an oral hygiene pamphlet on brushing and flossing for the inter-professionalism (IP) clinic with Physical Therapy.

Lecture(s):

- Lecture 1: Introduction to medial history review
- Lecture 2: Introduction to Medical Emergencies in the UFCD clinics
- Lecture 3: Infection prevention/ ergonomics maintaining a clean work field, safe instrument transfer, operatory maintenance, and oral evacuation.
- Lecture 4: Introduction to dentition and soft-tissue charting.
- Lecture 5: Introduction to documenting clinical findings in axium.
- Lecture 6: Introduction to managing hazardous materials in the dental clinic.

VII. Course Competencies

VIII. Evaluation

This course teaches the following competencies in the *"Competencies for the New Dental Graduate".*

Domain I: Critical Thinking
3: Apply biomedical science knowledge in the delivery of patient care.

Domain II: Professionalism
4: Ethical Standards: Apply principles of ethical decision making and professional responsibility.
5: Legal Standards: Apply legal and regulatory concepts related to the provision and/or support of oral health care services.

Domain IV: Health Promotion
9: Health Promotion & Disease Prevention: Provide oral health care within the scope of general dentistry to include health promotion and disease prevention.
10: Interprofessional Experiences: Communicate and collaborate with other members of the health care team to facilitate the provision of health care.

Grade weighting for this course:

Attendance at all laboratory/clinical sessions is mandatory

Clinical Exercise 1: Infection Control/Chair set up/breakdown - 20%
Clinical Exercise 2: Student Patient Exam - 20%
Lab 1: Practice dentition and soft tissue charting on paper forms - 20%
Lab 2: Transfer clinical findings for dentition and soft tissue to the odontogram in axiUm - 20%
Lab 3: (DEN 5502C and DEN 5010) Develop an Oral Health Instruction (OHI) pamphlet for brushing and flossing - 20%

Students with a score 72 or higher receive a "Satisfactory" grade in this course.
Students with a score below 72 receive an "Unsatisfactory" grade in this course and must remediate the course.

Course Remediation: The student would meet with the Course Director to determine the type of assessment to remediation this course. For more information see the Administrative Practices section of the syllabus

Course/Faculty Evaluation:

“Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://ufl.bluera.com/ufl/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.”

IX. Administrative Practices

Administrative practices for all UFCOD courses are universally applied. Exceptions to or deviations from these practices are stated in the individual syllabi by the course director. When not individually stated in the syllabus, course administrative practices default to those identified under "Administrative Practices" in the ECO sidebar for each electronic syllabus. These practices include: Professional Behavior, Student Responsibilities in the Classroom, Attendance, Dress Code, Email Policy, Tutoring, Academy Honesty and the Student Honor Code, Student Accommodations, Post-exam Review, Grading System, Remediation, Student Evaluation of Instruction, Student Complaints, University Counseling Services and Mental Health Services and Electronic Course Material and Social Media.

X. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.

DEN9990: DEN6XXX: Introduction to Clinical Care 3- Semester 3
Summer 2021

Course Description:
This is the third course in a series of four courses which provides foundational information in clinical care for novice dental students. Areas of patient safety, risk management, infection prevention, standardized clinical practices, information security, and emergency preparedness are applied by students to prepare them for clinical person-centered care.

I. General Information

Course Director: Cesar Migliorati
Office:
Email: C.Migliorati@dental.ufl.edu
Phone: (352) 294-8772
Course Credits: 1
Semester: Summer

Contributing Faculty
Luisa Echeto (352) 273-6907 LECHETO@dental.ufl.edu

Support Staff
Richelle G Janiec (352) 273-6820 RJANIEC@dental.ufl.edu TA / Syllabus / Grade Administrator

II. Course Goals

The goal of this course is to assist the student in developing the foundation knowledge, skills, and professional behavior necessary to become a safe dental provider. Additionally, this course will guide the student in:

- Adopting principles of risk prevention which encompass skills and applications associated with patient safety, infection control, standardized clinical practices, information security, and emergency preparedness.
- Exemplifying extraordinary professional standards.
- Influencing healthcare colleagues on the importance of oral health.
- Demonstrating basic safety standards associated with patient care.
- Training and maintaining information security of the electronic health record/electronic patient record.
- Integrating effective use of axiUm the clinic management software into daily practice as you serve the college as a dental provider.
- Supporting quality assurance processes within the clinical environment.

An additional goal of this course will reinforce Goal 2 the UFCD Strategic Plan which states: provide excellent, patient (now called person)-centered oral health care grounded in evidence.

Person-center care includes several phases of the patient assessment. This process starts with the patient interview and rapport building. Following the natural development of the patient assessment, the next phases include detecting and diagnosing risks (medical, dental and periodontal), formulation of a treatment plan that is in agreement with the patient needs, expectations and finances, and the therapy that will reduce or eliminate risks as much as possible, to achieve oral health and wellness. Following, the patient will be placed on a periodic recall for a reasonable time period on a case by case basis.
Students will learn:

- The importance of treating a person as a whole,
- Following the correct phasing of treatment, facilitate the patient's achievement of a wellness status,
- Meeting patient’s expectations and matching them with current scientific evidence,
- Understanding the importance of integrating dental care and general medical health,
- Making a compromise with the patient: dental health and wellness can only be achieved and maintained if both sides work as a team and help each other.

III. Course Overview

Lectures and clinical laboratory exercises will support foundation knowledge and clinical application of quality patient care.

IV. Course Outline

Semester 3:

L-1: Privacy and Information Security Management
Lab 1: Renew HIPAA training certification and sign Confidentiality Statement
L-2: Infection Prevention in the Dental Practice
Lab 2: Renew Bloodborne Pathogen/Biomedical Waste Management Training
Lab 3: Sterilization Rotations
L-3: Introduction to TeamSTEPPS in the Dental Practice
Lab 4: Renew BLS Training
L-4: Introduction to Risk Management-Event Reporting System (IDinc)
Lab 5: Roleplay reporting bloodborne pathogen exposure

L-5: Build axiUm experience: The Periodontal Module, The Perio Risk Assessment Form, Recall Process
L-6,7,8: Management of Medical Emergencies in the Dental Office I (Dr. Lado)
L-9,10,11: Management of Medical Emergencies in the Dental Office II (Dr. Lado)
Lab 7 Emergency Preparedness/Vital Signs (3 hrs)

V. Course Material

Course Materials are posted in the Documents section.

VI. Course Objectives

Introduction to Clinical Care-Semester 3

Objectives:

- Integrate protocols of patient privacy managment into daily professional life.
- Develop a personal commitment to protect patient privacy and organizational information security.
- Demonstrate how to properly disinfect and prepare/package reusable equipment for sterilization.
- Apply skills for use of ergonomic work zones and patient seating/positioning while working as both dental assistant and dental operator.
- Accurately assist the dental student with recording examination findings in the patient's dental record.
- Integrate TeamSTEPPS tools into daily clinical practice.
- Demonstrate TeamSTEPPS strategies by roleplay of the following tools (CUS, Brief/Debrief, Huddle).
- Identify the method UFCD uses to document safety events for risk management.
- Enter a safety event in IDinc on an occupational percutaneous injury.
- Demonstrate the ability to completely and concisely document a dental hygiene appointment in axiUm.
- Conduct a medical/dental history interview of a classmate using the axiUm patient record.
- Recognize and respond appropriately to patient/visitor emergency response (hypoglycemia, syncope, asthma, allergic response, CV or NV event.)
- Inventory your clinic for emergency preparedness.
- Assess the medical risk associated with the medical history review.

Lecture(s):

- L-1: Privacy and Information Security
- Lab 1: Renew HIPAA Training
- L-2: Infection Prevention in the Dental Clinic
- Lab-2: Renew Bloodborne Pathogen Biomedical Waste Management Training
- Lab-3: Sterilization Rotation
- L-3: Introduction to TeamSTEPPS in Dental Practice and Roleplay.
- L-4: Introduction to risk management reporting system (IDinc)
- Lab-4: Bloodborne Pathogen Exposure reporting role play and enter a safety event. (formative lab feedback.)
- L-5: Build upon axiUm experience: The periodontal module, periodontal risk assessment form and the recall process.
- L-6, 7, 8: Management of medical emergencies - Part 1
- L-9, 10, 11: Management of medical emergencies - Part 2
- Lab-5: Emergency Preparedness

VII. Course Competencies

VIII. Evaluation

This course teaches the following competencies in the *"Competencies for the New Dental Graduate".*

Domain I: Critical Thinking
3: Apply biomedical science knowledge in the delivery of patient care.

Domain II: Professionalism
4: Ethical Standards: Apply principles of ethical decision making and professional responsibility.
5: Legal Standards: Apply legal and regulatory concepts related to the provision and/or support of oral health care services.

Domain IV: Health Promotion
9: Health Promotion & Disease Prevention: Provide oral health care within the scope of general dentistry to include health promotion and disease prevention.

10: Interprofessional Experiences: Communicate and collaborate with other members of the health care team to facilitate the provision of health care.

Grade weighting for this course:

Attendance at all laboratory/clinical sessions is mandatory

Submit a Reflection Paper of personal commitment to protect patient privacy. (provide examples)-25%
Submit completed HIPAA training certificate and signed a confidentiality statement-25%
Emergency Preparedness Exam -50%

Students with a score 72 or higher receive a "Satisfactory" grade in this course.
Students with a score below 72 receive an "Unsatisfactory" grade in this course and must remediate the course.

Course Remediation: The student would meet with the Course Director to determine the type of assessment to remediation this course. For more information see the Administrative Practices section of the syllabus

Course/Faculty Evaluation:

“Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://ufl.bluera.com/ufl/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.”

IX. Administrative Practices

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X. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.

DEN9990: DEN6XXX: Introduction to Clinical Care 4- Semester 4
Fall 2021

Course Description:
This is the fourth course in a series of four courses which provides foundational information in clinical care for novice dental students. Areas of patient safety, risk management, infection prevention, standardized clinical practices, information security, and emergency preparedness are applied by students to prepare them for clinical person-centered care.

I. General Information

Course Director: Cesar Migliorati
Office:
Email: C.Migliorati@dental.ufl.edu
Phone: (352) 294-8772
Course Credits: 1
Semester: Fall

Contributing Faculty
Luisa Echeto (352) 273-6907 LECHETO@dental.ufl.edu

Support Staff
Richelle G Janiec (352) 273-6820 RJANIEC@dental.ufl.edu TA / Syllabus / Grade Administrator

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II. Course Goals

The goal of this course is to assist the student in developing the foundation knowledge, skills, and professional behavior necessary to become a safe dental provider. Additionally, this course will guide the student in:

- Adopting principles of risk prevention which encompass skills and applications associated with patient safety, infection control, standardized clinical practices, information security, and emergency preparedness.
- Exemplifying extraordinary professional standards.
- Influencing healthcare colleagues on the importance of oral health.
- Demonstrating basic safety standards associated with patient care.
- Training and maintaining information security of the electronic health record/electronic patient record.
- Integrating effective use of axiUm the clinic management software into daily practice as you serve the college as a dental provider.
- Supporting quality assurance processes within the clinical environment.

An additional goal of this course will reinforce Goal 2 the UFCD Strategic Plan which states: provide excellent, patient (now called person)-centered oral health care grounded in evidence.

Person-center care includes several phases of the patient assessment. This process starts with the patient interview and rapport building. Following the natural development of the patient assessment, the next phases include detecting and diagnosing risks (medical, dental and periodontal), formulation of a treatment plan that is in agreement with the patient needs, expectations and finances, and the therapy that will reduce or eliminate risks as much as possible, to achieve oral health and wellness. Following, the patient will be placed on a periodic recall for a reasonable time period on a case by case basis.
Students will learn:

- The importance of treating a person as a whole,
- Following the correct phasing of treatment, facilitate the patient's achievement of a wellness status,
- Meeting patient’s expectations and matching them with current scientific evidence,
- Understanding the importance of integrating dental care and general medical health,
- Making a compromise with the patient: dental health and wellness can only be achieved and maintained if both sides work as a team and help each other.

III. Course Overview

Lectures and clinical laboratory exercises will support foundation knowledge and clinical application of quality patient care.

IV. Course Outline

Semester 4:

L-1: Dental Diagnostic Terminoloy (DDS Codes/SnoDent)
L-2: CDT Codes
Lab: axiUm= Exercise using diagnostic and treatment terminology/codes
L-3: Quality Assurance: Post Treatment Assessments
L-4: Risk Management: Event Reporting (IDinc)
Lab: axiUm- Exercise using PTA processes and IDinc
L-5: Managing patient financials: Fees and Codes at UFCD, Insurance Information, Medicaid, Payment Plan, Payroll Deduction
L-6: Patient Advocacy at UFCD, Interpretation Services, Patient Privacy,
L-7: Managing the medically compromised patient

L-8: Strategies for Patient Recruitment.

V. Course Material

Course Materials are posted in the Documents section.

VI. Course Objectives

Introduction to Clinical Care-Semester 4

Objectives:

1. Identify how dental diagnostic terminology is utilized in the development of patient care plans.
2. Summarize how CDT codes are organized and utilized to professionally communiate care plans to patients and caregivers.
3. Using a standardized patient data set establish a disease control care plan in axiUm.
4. Locate diagnosic and treatment codes in an existing patient care plan.
5. Describe how the post-treatment process helps the provider to objectively observe the patient's progression of care.
6. Identify ow usig axiUm the providers document the post-treatment assessmet of patient care.
7. Using a standardized patient, complete the appropriate post-treatment assessment process in axiUm.
8. Identify how to assess the patient's payer history in the patient management system.
9. Interpret Insurance coverage plans as they apply to a treatment plan.
10. In a roleplay, explain noncovered services to a patient with insurance coverage.
11. Recognize how to activate patient services including the patient advocate and for limited english proficience and hearing impairment.

Lecture(s):

- L-1: Dental diagnostic terminology (DDS codes) SNODENT
- L-2: Code on Dental Procedures and Nomenclature (CDT Code)
- Lab-1: axiUm exercise using DDS and CDT codes
- L-3: Quality Assurance: Post Treatment Assessments (PTA)
- Lab-2: axiUm excercise using PTA process
- L-4: Risk management event reporting IDinc
- L-5: Managing patient financial fees and codes at UFCD
- L-6: Patient advocacy at UFCD- patient privacy, intrepretation services, access to care
- L-7: Managing the medically compromised patient
- L-8: Strategies for patient recruitment (?semester 5 placement)

VII. Course Competencies

VIII. Evaluation

This course teaches the following competencies in the *"Competencies for the New Dental Graduate".*

Domain I: Critical Thinking
3: Apply biomedical science knowledge in the delivery of patient care.

Domain II: Professionalism
4: Ethical Standards: Apply principles of ethical decision making and professional responsibility.
5: Legal Standards: Apply legal and regulatory concepts related to the provision and/or support of oral health care services.

Domain IV: Health Promotion
9: Health Promotion & Disease Prevention: Provide oral health care within the scope of general dentistry to include health promotion and disease prevention.
10: Interprofessional Experiences: Communicate and collaborate with other members of the health care team to facilitate the provision of health care.

Grade weighting for this course:

Attendance at all laboratory/clinical sessions is mandatory

1. axiUm exercise using DDS and CDT codes - 25%

2. axiUm excercise using PTA process - 25%
3. Written exam (DDS codes, CDT codes, PTA, risk management, insurance, medically compromised patients, special needs) - 50%

Students with a score 72 or higher receive a "Satisfactory" grade in this course.
Students with a score below 72 receive an "Unsatisfactory" grade in this course and must remediate the course.

Course Remediation: The student would meet with the Course Director to determine the type of assessment to remediation this course. For more information see the Administrative Practices section of the syllabus

Course/Faculty Evaluation:

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IX. Administrative Practices

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X. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.