



CDM 4240 - Advanced Treatment planning

I. Course Information

Course: CDM 4240 - Advanced Treatment planning
Semester Credit Hours: 1.0
Course CRN and Section: 24059 - D01
Semester and Year: Fall 2021
Course Start and End Dates: 07/26/2021 - 12/12/2021
Building and Room: HPD-Assembly I Building - 2106JONA

II. Instructor Information

Professor: Dr. Evren Kilinc
Email: kilinc@nova.edu
Phone: 954 262 1912
Office Hours:

Day	Time	Location
	9:00am - 11:00am	7359

Office Hours:
 Thursdays 1:00-5:00 PM in Room 7331

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
W	07/28/2021 - 08/11/2021	2:10 PM - 2:59 PM	Ft Lauderdale/Davie Campus	HPD-Assembly I Building- 2106JONA
W	08/18/2021 - 12/08/2021	2:10 PM - 2:59 PM	Ft Lauderdale/Davie Campus	HPD-Assembly I Building- 2102RESN

IV. Course Description

The advanced dental treatment planning course applies the principles and guidelines for comprehensive dental treatment planning for “in-classroom” patients’ case-based presentations and group discussions. Senior students are expected to identify multidisciplinary cases in the clinic floor for a diagnostic work up including photographic documentation, mounted casts, diagnostic wax-ups for the elaboration of treatment plans which will be presented in power point format and followed by class discussion.

V. Course Objectives / Learning Outcomes

Course Learning Outcomes

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

1. Actively engage in group discussions to make diagnostic decisions through the interpretation and correlation of findings from the patient's history and interview, the clinical and radiographic examination, and other diagnostic tests.
2. Use critical thinking and problem solving related to the comprehensive care of patients
3. Integrate biomedical science foundation knowledge into an evidence based approach to clinical practice.
4. Identify the need for collaboration and communication with the various dental specialties with the purpose of elaborating multidisciplinary comprehensive treatment plans.
5. Initiate an appropriate medical consultation or referral to clarify any question(s) related to the patient's systemic health
6. Develop, present, and discuss individual treatment plans considering all significant biological, psychological and socioeconomic patient factors.
7. Develop a comprehensive, properly sequenced optimal treatment plan based upon all diagnostic data, and develop alternative treatment plans as appropriate to address patients' goals, values and concerns.
8. Orderly phase and sequence treatment modalities according to patient needs.
9. Establish the patient record as a legal and confidential document and maintain accurate patient treatment records
10. Develop diagnostic, emergency or recall treatment plans when appropriate for patients who fall into these need categories
11. Establish treatment risks and benefits.
12. Select treatment options that recognize cultural differences and are sensitive to patients' goals, values, and expectations, compatible with contemporary therapeutics, and congruent with patient-centered, comprehensive oral health care.
13. Educate patients concerning their risk factors and risk reduction strategies needed to prevent oral disease.
14. Identify and evaluate ethical issues associated with professional interactions with patients, staff and colleagues.
15. Apply fundamental business principles to establish a dental practice and manage a dental office.
16. Use contemporary information technology resources in dental practice
17. Describe principles of risk management, including informed consent and appropriate record keeping
18. Photographic documentation of a case.
19. In-classroom case-based treatment plan presentations and group discussion.

COLLEGE OF DENTAL MEDICINE COMPETENCY STATEMENTS Faculty Note: Use the most updated version of the CDM Predoctoral Competency document to select the corresponding competencies for this course. Be sure to select the number of the competency statement and the verbatim competency as it appears on the competency document. For each competency indicate the type of assessment (formative or summative) that will be employed to measure the attainment of the competency.

Core Competencies:

Related Competencies (as defined by educational outcomes):

1. Graduates must be competent in patient assessment, diagnosis, comprehensive treatment planning, prognosis, and informed consent.
[CODA Predoctoral Standard 2-24(a)]
3. Graduates must be competent in recognizing the complexity of patient treatment and identifying when referral is indicated.
[CODA Predoctoral Standard 2-24(c)]
4. Graduates must be competent in health promotion and disease prevention, including caries management.
[CODA Predoctoral Standard 2-24(d)]
11. Graduates must be competent in managing oral mucosal and osseous disorders.
[CODA Predoctoral Standard 2-24(k)]

15. Graduates must be competent in the evaluation of the outcomes of treatment, recall strategies, and prognosis.

[CODA Predoctoral Standard 2-24(o)]

16. Graduates must be competent in providing oral health care within the scope of general dentistry to patients in all stages of life.

[CODA Predoctoral Standard 2-23]

17. Graduates must be competent in assessing and managing the treatment of patients with special needs.

[CODA Predoctoral Standard 2-25]

21. Graduates must be competent in managing a diverse patient population and have the interpersonal and communications skills to function successfully in a multicultural work environment.

[CODA Predoctoral Standard 2-17]

22. Graduates must be competent in applying legal and regulatory concepts related to the provision and/or support of oral health care services.

[CODA Predoctoral Standard 2-18]

24. Graduates must be competent in communicating and collaborating with other members of the health care team to facilitate the provision of health care.

[CODA Predoctoral Standard 2-20]

25. Graduates must be competent in the application of the principles of ethical decision making and professional responsibility.

[CODA Predoctoral Standard 2-21]

26. Graduates must be competent in the use of critical thinking and problem-solving, including their use in the comprehensive care of patients, scientific inquiry and research methodology.

[CODA Predoctoral Standard 2-10]

28. Graduates must be competent to access, critically appraise, apply, and communicate scientific and lay literature as it relates to providing evidence-based patient care.

[CODA Predoctoral Standard 2-22]

- This refers to the same as the items in the CDM Competency Document

FOUNDATION KNOWLEDGE STATEMENTS FOR THE GENERAL DENTIST **FOUNDATION KNOWLEDGE STATEMENTS FOR THE GENERAL DENTIST**

FK1: Apply knowledge of molecular, biochemical, cellular, and systems-level development, structure and function to the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK2: Apply knowledge of physics and chemistry to explain normal biology and pathobiology in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK4: Apply knowledge of the principles of genetic, congenital and developmental diseases and conditions and their clinical features to understand patient risk in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK5: Apply knowledge of the cellular and molecular bases of immune and non-immune host defense mechanisms in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK6: Apply knowledge of general and disease-specific pathology to assess patient risk in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK7: Apply knowledge of the biology of microorganisms in physiology and pathology in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK8: Apply knowledge of pharmacology in the prevention, diagnosis, and

management of oral disease and the promotion and maintenance of oral health.

FK9: Apply knowledge of sociology, psychology, ethics and other behavioral sciences in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK10: Apply quantitative knowledge, critical thinking, and informatics tools in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

VI. Materials and Resources

Course Required Texts and Materials: Texts:

1. "Treatment Planning in Dentistry" Stefanac SJ, NesbittSP, 2016 3rd Edition Mosby

Available through Vital Source

2. "Evidence-Based Implant Treatment Planning and Clinical Protocols" Steven J. Sadowsky 2016

John Wiley & Sons

Available in HPD Library

Faculty Note: Please indicate the textbooks that are **required** for the class and if available, hyperlinks to the textbook. Also, indicate if there are articles or links to required readings that are required for the class *and* the site where the articles are available for the student (such as Canvas, library, database).

Course Supplemental Materials:

Related articles at the discretion of the course director.

Supplemental, Recommended, Optional, NOT required

The access to all instructional resources included in this course, such as, lectures, handouts, manuals, PowerPoint presentations, videos, photographs, pictures, articles and web links is limited to students who are enrolled in the course and is not for public distribution. The use of these instructional resources is exclusively for non-commercial and non-profit educational use. Students are recommended to download the instructional resources provided in the course, UNLESS, the course director instructs NOT to download specific files. We recommend that all students download, save, and keep the instructional materials from all the courses. These instructional resources will be very helpful references as you progress from year to year in the program.

VII. Course Schedule and Topic Outline

Course Schedule:

Advanced Treatment Planning		
CDM 4240 Schedule- Fall 2021		
Date	Lecture Topic	Lecturer
8/4/21	Introduction to Advanced Treatment Planning	Dr. Evren Kilinc <kilinc@nova.edu
8/11/21	Applying Evidence Based Dentistry Didactic Knowledge into Treatment Planning Clinical Cases	Dr. Evren Kilinc
8/18/21	Complex Case Treatment Planning- Guidelines for phasing and sequencing	Dr. Jorgelin Rodriguez
8/25/21	Treatment Planning and Risk Assessment	Dr. Augusto Duarte
9/1/21	Treatment Planning Timelines	Dr. Mauro Mesko
9/8/21	Treatment Planning Presentations- Patient communication	Dr. Jorgelin Rodriguez
9/15/21	Treatment Planning the Severe Wear Case	Dr. Ambar Pagani
9/22/21	Midterm Exam	
9/29/21	Advanced Treatment Planning for the Medically Complex Patient	TBD

10/6/21	Treatment Planning the Implant Case	Dr. Ambar Pagani
10/13/21	Implant and Orthodontics - Combination Cases	Dr. Thyagaseely Premaraj
10/20/21	<i>Class Assignment- Group A (case based tx plan presentation)</i>	<i>Multiple Instructors</i>
10/27/21	<i>Class Assignment- Group B (case based tx plan presentation)</i>	<i>Multiple Instructors</i>
11/3/21	<i>Class Assignment- Group C (case based tx plan presentation)</i>	<i>Multiple Instructors</i>
11/10/21	<i>Class Assignment- Group D (case based tx plan presentation)</i>	<i>Multiple Instructors</i>
11/17/21	Tx Planning Outcomes Assessment	Dr. Cesar Gonzalez
11/24/21	Treatment Planning in the Private Office	Dr. Jennifer Ruble
12/3/21	Final Exam	
*Schedule and course topic outline are subject to change at the discretion of the course director		

Topic Outline:

Multidisciplinary complex restorative cases requiring comprehensive staged treatment plans will be the main focus of this course.

The evidence based concepts behind treatment planning decisions, correct phasing and rationale, determination of related risks with each type of treatment plan, treatment plan timeline knowledge and management, patient communication skills, presentations skills at the layman level, treatment plan modifications to accommodate various patient types and medical complexity scenarios will also be discussed and covered to complement the multidisciplinary and advanced treatment plans.

“Important note – Please note that due to the current Coronavirus pandemic, course schedules and course activities may be modified now and in future. Faculty and students are responsible for keeping apprised of these changes and adjusting their schedules accordingly.”

VIII. Instructional Methods

In this section of the syllabus you will find information about any course (instructional, assessment, assignments, benchmarks and/or clinical) modifications that were added to the course as a result of COVID-19

No modifications were made or added to the course as a result of Covid-19 pandemic.

IX. Assignments

Description of Assignments, Point Value and Rubrics

Attendance to all lectures are mandatory. This course will have a midterm(30%) and a final exam(50%) that will be multiple choice or true/false questions and will be a grade between 1-100. Additionally, there will be a class assignment. The students will be divided into small study groups at the beginning of the semester. They will be charged with preparing a complex and multidisciplinary treatment plan. On their assigned date, the students will meet their standardized instructors in different breakout sessions. As a part of that interactive class project, they will present their treatment plans. The instructors will have a question-answer session with the students. The students will be graded based on their treatment planning concepts, thought process, presentation skills, communication skills, clarity and their responses to the questions. The instructors will grade them either as Satisfactory(91), Needs Improvement(75) or Unsatisfactory(60). This will be the 20% of their total grade.

Class Assignment Grade Explanation (20% of course grade);

- Groups of 8 to select a case among their patient families and do a multidisciplinary, advanced treatment plan together
- Each group will prepare a powerpoint presentation of treatment plan(s)
- Zoom session break-out rooms or seminar rooms- 8 students/ 1 faculty
- Group students will each present a part of treatment plan(s) - as they would to the patient
- Faculty will grade on treatment plan, clarity of presentation in layman terms, ability to answer patient questions

Class Assignment Grade breakdown:

- Tx Plan(s): 30% - (S+: 100/ S:91 / N:75/ U:60)
- Presentation Skills: 30% - (S+: 100/ S:91 / N:75/ U:60)
- Clarity and knowledge in tx plan discussion-communication: 40% - (S+: 100/ S:91 / N:75/ U:60)

X. Grading Criteria

Provide a List of all the graded work in the course (Assessments, Class Activities, Classwork and Assignments) with Point or Percentage Values, or required Completion item.

Grading Scale:

Grading Policy:

This is a didactic course with a letter grade policy. Students need to achieve 70% grade average to pass the course.

The breakdown of the grade is as follows:

- Midterm Examination: 30%
- Class Assignment/seminar sessions performance: 20%
- Final Exam 50%

If the grade average is below 70, a remediation plan will be followed. The maximum grade achieved after remediation will be a 70R.

Class attendance is mandatory per student handbook. Failure to follow attendance policy may result in a grade deduction or remediation program.

Course Final Grade Mode for the course (Pass/Fail, PR/NPR or Letter Grade). For a continuum course, please specify the grade mode for each semester.

Final Course Grade:

The grades will be calculated with a number grade system out of 100. The final grade will be a letter grade based on school policy.

Course Grading Scale

Letter Grade	GPA	Equivalence
A	4	93 to 100
A-	3.75	90 to < 93
B+	3.5	86 to < 90
B	3	83 to < 86
B-	2.75	80 to < 83
C+	2.5	76 to < 80
C	2	70 to < 76
F	0	<70

XI. Course Policies

COURSE ATTENDANCE REQUIREMENTS, REMEDIATION POLICY, ALL CDM POLICIES

Attendance Policy : Please refer to appropriate pages of the NSU-CDM 2020-2021 Student Handbook.

Link to the handbook:

<https://liverootnova.sharepoint.com/dentmed/Active%20Docs/Policies%20and%20Procedures/Pre%20a>

Remediation Policy: Please refer to appropriate pages of the NSU-CDM 2020-2021 Student Handbook.

“Successful completion of each CDM course requires compliance with the CDM Code of Behavioral Conduct.”

CDM College Attendance Policy Please note that, the Office of Admissions, Student Affairs and Services manages excused absences including sick days, mission trips, dental meetings, externships, interviews, family events, and other personal leave time, etc. and all student absences will continue to be tracked in axiUm. (Please refer to NSU Wide Religious Holidays Policy in the Student Handbook.) • Planned excused absences: please fill out the appropriate paperwork, with backup documentation (e.g. physician’s note), and submit on the online portal for the Office of Student Services prior to the scheduled absence, so that we can approve the leave time, and help you map out a plan to make up the work. It is the student’s responsibility to inform the course director for any courses you will be missing, your team leader for any clinic sessions that will be missed and/or the Coordinator of Extramural Programs (Dr. Mairelina Godoy), etc. of your planned absence(s). • Unplanned excused absences: please email Dr. Galka at agalka@nova.edu with a cc to cdmservices@nova.edu to report that you will be out, the reason for your absence and to also let us know if you plan to return to school the following day. You should also email the course director for any courses you will be missing, Dr. Mairelina Godoy mg1189@nova.edu for any rotations you will be missing and/or your team leader for any clinic sessions scheduled for that day. You must continue to email us daily to keep us updated if you will be out additional days and you can submit your SREA form together with backup documentation when you know the date you will return to school. • The student will be responsible for making up all missed rotations, all material presented in lectures, all laboratory projects, all written and practical examinations (including OSCEs) and must fulfill all didactic and clinical responsibilities as outlined in the individual course syllabi. Also, please review the attendance policy in the individual course syllabi. • Please do not schedule externships or interviews when you are scheduled for an examination or rotation. • Remember, it is your responsibility to reach out to our office for any unexcused absences to see if these fall under excused absences and/or to see how the unexcused absence will be managed. Also, please contact Dr. Mairelina Godoy directly to arrange makeup of any and all missed rotations, which will take place during optional clinicweeks. • Every student will be able to take 1 Personal Day/per Semester (3 Personal Days/Academic Year) with NO BACKUP DOCUMENTATION REQUIRED, provided the day(s) are not taken when you are scheduled for a rotation, written examination, practical/competency examination, OSCE or taken directly before/after a school holiday, etc. These absences will be managed through our office and designated as excused absences, provided our office is notified by email in advance or on the day of the absence. (Please indicate in the email if you will be using a personal day and designate D-1, D-2, D-3 or D-4 student.) For any additional absences to the 1 Personal Day/per semester, or in the event that you will be missing a written examination, a preclinical or clinical practical/competency examination, including an OSCE, or rotation, backup documentation WILL be required. Again, it is the student’s responsibility to notify all course directors, team leaders, and/or the Coordinator of Extramural Programs, etc. affected by your absence(s). Please check your individual schedule before requesting a personal day, to be sure that you will not be missing a rotation or an exam. A personal day will be recorded as a full day. (Half days cannot be requested.) A personal day must be requested on or before the day in question and cannot be used retroactively. **COVID-19 Protocol (subject to change)**1. NO STUDENT IS TO COME TO SCHOOL SICK- if you do not feel right- please do NOT come to school. Email Dr. Galka- Assistant Dean for Admissions, Student Affairs and Services (agalka@nova.edu) 2. If a student has had direct/close contact with someone who has been infected with COVID-19 or is experiencing COVID-like symptoms- immediately self- isolate/quarantine. Email Dr. Galka and Dr. Schweizer- Director Infection Prevention Programs (schweize@nova.edu). a. Direct Exposure/ Asymptomatic: test on day 7- if negative test result- can come back after 10 days : if NO test- quarantine 14 days b. Symptomatic (with or without Direct Exposure): test immediately and then again on day 7- if negative test result on day 7- can

come back after 10 days : NO test- quarantine 14 days and must be symptom-free for 72 hours 3. If a student tests positive for COVID-19: remain self-isolated. To return to school: student needs to have 2 consecutive negative test results in a row (at least 24 hours apart). 4. Students who are in quarantine, need to contact both Dr. Galka and Dr. Hernandez (marher@nova.edu) to determine if they can participate in online courses during this time

XII. University Policies

Section XII. University Policies:

Class content throughout this course may be recorded in accordance with the NSU Class Recording Policy. If class content is recorded, these recordings will be made available to students registered for this course as a supplement to the classroom experience. Recordings will be made available to all students who were registered to attend the live offering of the class, regardless of a student's section or discipline, or whether the student is participating in the course online. If recordings are intended to be accessible to students or third parties who were not registered for the live offering of the class, students' personally identifiable information will be removed or redacted from the recording, unless (1) their written consent to such disclosure was previously provided, or (2) the disclosure is permissible in accordance with the Family Educational Rights and Privacy Act ("FERPA").

Students are prohibited from recording audio or video, or taking photographs in classrooms (including online classes) without prior permission from the instructor or pursuant to an approved disability accommodation, and from reproducing, sharing, or disseminating classroom recordings to individuals outside of this course.

Students found engaging in such conduct will be in breach of the Student Code of Conduct and subject to disciplinary action.

Academic Integrity: Cheating or inappropriate behavior during any written examination, quiz, any assignment, any project; plagiarism of any work(s), or other unethical behavior will not be tolerated; the student risks receiving a grade of zero (0) for said examination, quiz, assignment, project and may be referred to the Associate Dean for Academic Affairs and the Student Progress Committee. Please refer to appropriate pages of the NSU-CDM 2020-2021 Student Handbook. and the NSU Student Handbook located at

<https://liverootnova.sharepoint.com/dentmed/Active%20Docs/Policies%20and%20Procedures/Pre%20and%202020%20CDM%20PreDoctoral%20Student%20Handbook.pdf?wa=wsignin1.0> .

Plagiarism Policy: All assignments, exams, works, patient care - written, laboratory, oral, clinical must be done as the independent work of each individual student. Plagiarism, copying or sharing the work of another or altering documentation to reflect something is your own work that is not; reflect false attendance, are considered serious offences that will not be tolerated. THESE ACTIONS WILL BE CONSIDERED IN VIOLATION OF THE UNIVERSITY AND THE CDM CODE OF BEHAVIORAL CONDUCT AND WILL BE REFERRED FOR APPROPRIATE ACTION. Students who need assistance in their learning goals should communicate with the appropriate NSU-CDM course director and/or faculty. Please refer to appropriate pages of the NSU and the CDM 2020-2021 Student Handbook. Following a link to the NSU Student Handbook

<https://liverootnova.sharepoint.com/dentmed/Active%20Docs/Policies%20and%20Procedures/Pre%20and%202020%20CDM%20PreDoctoral%20Student%20Handbook.pdf?wa=wsignin1.0>