



CDM 1185 - Introduction to Clinical Periodontics

I. Course Information

Course: CDM 1185 - Introduction to Clinical Periodontics
Semester and Year: Winter 2021
Course Start and End Dates: 01/04/2021 - 04/25/2021
Course Reference Number: 31860
Semester Credit Hours: 1.0

II. Instructor Information

Professor: Barbara A Mulholland
Email: bmulhollan@nova.edu
Office Hours:
 By appointment only

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
	01/04/2021 - 04/25/2021		Ft Lauderdale/Davie Campus	-

IV. Course Description

The Simulation Lab and Clinical Experience portion of the Periodontics curriculum introduces to its course participants to periodontal diagnostic skills, ergonomics, and instrumentation techniques on mannequins in the Simulation Lab and on each other in the Clinical Experience.

V. Course Objectives / Learning Outcomes

Course Learning Outcomes

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

1. Develop diagnostic skills; use the periodontal probe, explorer, Nabers probe in the Sim Lab and on their classmates in the clinical experience.
2. Complete the periodontal examination chart in the Clinical Experience; apply recording procedures necessary to diagnose disease and follow treatment results.
3. Develop and apply instrumentation skills in scaling and root planning procedures; learn use of scalers, Universal and Specific curettes on mannequins in the Sim Lab and in the Clinical Experience.
4. Take and record Plaque Index and implement oral hygiene instruction techniques in the clinical experience.
5. Execute Prophylaxis treatment in the clinical experience.
6. Develop appropriate sequencing of procedures as well as skills involving patient interaction in the clinical experience.

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 statement 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:

Graduates must be competent in periodontal therapy.

[CODA Predoctoral Standard 2-23(i)]

Formative: students are assessed by completing the daily grade-performance sheet and clinical self-assessment form

Summative: Instrument Recognition assessment (multi-station exam)

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

[CODA Predoctoral Standard 2-20]

Formative: Students are assessed by the clinical self-assessment form.

Graduates must demonstrate competence in the ability to self-assess, including the development of professional competencies and the demonstration of professional values and capacities associated with self-directed, lifelong learning.

[CODA Predoctoral Standard 2-10]

Formative: Students are assessed by the clinical self-assessment form.

- This refers to the same as the items in the CDM Competency Document; please see them listed below.

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.

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:

Materials posted on Canvas during the semester are to be read/reviewed prior to the simulation lab or clinical experience.

Faculty Note: Please indicate the textbooks that are **required** for the class and if available, a hyperlink 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:

NONE

- 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:

This course is on a rotating schedule. Please see Canvas for specific group schedule.

Topic Outline:

Topics to be cover during each group rotation are dental ergonomics, periodontal instruments and techniques.

These skills will be demonstrated and practiced on mannequins in the Simulation Lab and then performed on class members/partners as part of the Clinical Experience.

“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. Assignments

Description of Assignments, Point Value and Rubrics

Simulation Laboratory

Technique	Satisfactory	Needs Improvement	Unsatisfactory
<u>DIAGNOSTIC INSTRUMENTS</u>	Student demonstrates an acceptable level knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Establish correct working end, Activation of the stroke (wrist and arm motion)-11/12 explorer and probe, *minimal guidance from faculty	Student demonstrates a low level knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Activation of the stroke (wrist and arm motion)- 11/12 explorer and periodontal probe *substantial guidance required from faculty	Student demonstrates a deficient knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Activation of the stroke (wrist and arm motion)- 11/12 explorer and periodontal probe *substantial guidance required from faculty
<u>ANTERIOR AND POSTERIOR SICKLES</u>	Student demonstrates an acceptable level knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Establish correct working end, activation of the stroke (wrist and arm motion)*minimal guidance from faculty	Student demonstrates a low level knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Establish correct working end, Activation of the stroke (wrist and arm motion) *substantial guidance required from faculty	Student demonstrates a deficient knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Establish correct working end, Activation of the stroke (wrist and arm motion) *substantial guidance required from faculty

<u>UNIVERSAL CURETTES</u>	Student demonstrates an acceptable level knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Establish correct working end, Activation of the stroke (wrist and arm motion) *minimal guidance from faculty	Student demonstrates a low level knowledge of Modified pen grasp, Fulcrum, Adaptation, Wrist and arm motion Ergonomics *substantial guidance required from faculty	Student demonstrates a deficient knowledge of Modified pen grasp, Fulcrum, Adaptation, Wrist and arm motion Ergonomics *substantial guidance required from faculty
<u>AREA-SPECIFIC CURETTES</u>	Student demonstrates an acceptable level knowledge of Ergonomics grasp/fulcrum/adaptation, Activation of the stroke (wrist and arm motion) *minimal guidance from faculty	Student demonstrates a low level knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Activation of the stroke (wrist and arm motion) *substantial guidance required from faculty	Student demonstrates a deficient knowledge of Ergonomics, Instrument grasp/fulcrum/adaptation, Activation of the stroke (wrist and arm motion) *substantial guidance required from faculty

<u>SHARPENING</u>	Students demonstrates a acceptable knowledge of instrument sharpening technique, proper grasp of stone and instrument, proper positioning of currettes and scalers	Students demonstrates a low level knowledge of instrument sharpening technique, proper grasp of stone and instrument, proper positioning of currettes and scalers *substantial guidance required from faculty	Students demonstrates a deficient knowledge of instrument sharpening technique, proper grasp of stone and instrument, proper positioning of currettes and scalers *substantial guidance required from faculty
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Clinic Rotation

	Satisfactory	Needs improvement	Unsatisfactory

<u>PROFESSIONAL CONDUCT</u>	Student demonstrates an acceptable level behavior that follows all policies and procedures as outlined in the NSU-CDM clinic manual and student handbook including but not limited to ethics, OSHA, and professionalism	Student demonstrates behavior that follows at low level all policies and procedures as outlined in the NSU-CDM clinic manual and student handbook including but not limited to ethics, OSHA, and professionalism	Student demonstrates behavior that does NOT follow all policies and procedures as outlined in the NSU-CDM clinic manual and student handbook including but not limited to ethics, OSHA, and professionalism	
<u>RECORD KEEPING</u>	Student demonstrates an acceptable level knowledge and understanding of the EHR and is able to navigate all necessary areas related to patient treatment *minimal guidance from faculty	Student demonstrates a low level knowledge and understanding of the EHR and is unable to navigate all necessary areas related to patient treatment	Student demonstrates a deficient knowledge and understanding of the EHR and is unable to navigate all necessary areas related to patient treatment	
<u>PATIENT MOTIVATION</u>	Student demonstrates an acceptable level of ability to educate and motivate patient in the management and prevention of disease etiology *minimal guidance from faculty	Student demonstrates a low level ability to educate and motivate patient in the management and prevention of disease etiology	Student demonstrates a deficient ability to educate and motivate patient in the management and prevention of disease etiology	
<u>TECHNIQUE</u>	Student demonstrates a low level knowledge of ergonomics, instrument grasp/fulcrum/adaptation, Establish correct working end, Activation of the stroke (wrist and arm motion) *substantial guidance required from faculty	Student demonstrates a deficient knowledge of ergonomics, instrument grasp/fulcrum/adaptation, Establish correct working end, Activation of the stroke (wrist and arm motion) *substantial guidance required from faculty		

<p><u>STUDENT SELF ASSESSMENT</u></p>	<p>Student demonstrates multiple minor discrepancies in self-assessment compared with faculty evaluation of student self-assessment</p>	<p>Student demonstrates multiple major discrepancies in self-assessment compared with faculty evaluation of student self-assessment</p>	
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IX. 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:

30% Quizzes

35% Instrument Recognition Assessment

35% Hands-On Instrumentation Assessment

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.

Grade Mode:

Evaluation of a student's progress is on a Pass/Fail basis. A grade of 70% is considered passing. Student will receive a "P" based on successful completion of the following:

1. Attend one time session of mandatory orientation.
2. Attend all scheduled sessions of Sim Lab and clinic rotation experience.
3. The daily performance assessment needs to be completed with an exceptional or satisfactory demonstrating proper technique of the periodontal instruments.
4. Pass weekly quizzes with a grade of 70%.
 - Three quizzes will be average together, average must be 70% or above. If a 70% average is not achieved, one additional quiz will be given, averaged with the lowest quiz grade then the three grades will be re-averaged. The retake of the quiz must be done within one week of the last quiz given.
5. Pass the Instrument Recognition Assessment (a multi-station exam) with a 70%. During this exam the students will identify periodontal instruments and answer related questions.
 - . If a 70% is not achieved, a one hour remediation appointment must be schedule and the multi-station exam will be given again. An average of the two examines will be the final Instrument Recognition Assessment grade.
6. Pass the Hands-On Instrumentation Assessment. Two Needs Improvements (N) or one Unsatisfactory (U) equals a failing grade. In this case a one hour remediation appointment must be scheduled followed by re-taking the Hands-On Assessment.
7. Failure to successfully carry out any of the 6 items above and/or unsatisfactory performance based upon daily performance assessments and/or clinic unpreparedness will lead to failure of the course.

30% Quizzes

35% Instrument Recognition Assessment

35% Hands-On Instrumentation Assessment

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
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X. 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%20a2020%20CDM%20PreDoctoral%20Student%20Handbook.pdf?wa=wsignin1.0>

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 clinic weeks. • 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 hours3. 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

XI. University Policies

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>

University Policy

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.

Title IX/Sexual Misconduct: Sexual violence and sexual harassment are contrary to our core values and have no place at Nova Southeastern University. In accordance with Title IX and other laws, NSU prohibits discrimination, including sex-based discrimination and discrimination towards pregnant/parenting students. If you or someone you know experience(s) sexual violence and/or sexual harassment, there are resources and options available. To learn more or to report an incident, please visit the NSU Title IX website at www.nova.edu/title-ix. Please be aware that as an instructor, I am not a confidential resource, and I will need to report any incidents of sexual misconduct to the NSU Title IX Coordinator. You can also contact Laura Bennett, NSU's Title IX Coordinator directly at laura.bennett@nova.edu or 954-262-7858.