



***CDM 2198 - Preclinical Removable Prosthodontics
Laboratory II***

I. Course Information

Course: CDM 2198 - Preclinical Removable Prosthodontics Laboratory II
Semester and Year: Winter 2021
Course Start and End Dates: 01/04/2021 - 04/25/2021
Course Reference Number: 31875
Semester Credit Hours: 1.0

II. Instructor Information

Professor: Chiu-Jen Hsu
Email: chiujen@nova.edu
Office Hours:
 Hours by appointment

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
	01/04/2021 - 04/25/2021	1:10 PM - 4:59 PM	Ft Lauderdale/Davie Campus	-

IV. Course Description

The goal of the Removable Prosthodontics Laboratory 2 is to familiarize the student with all the aspects of this discipline of removable prosthodontics-theoretical, technical and clinical so that he or she will be able to confidently and accurately provide removable prosthodontic treatment for the complete or partially edentulous patient in clinical practice.

V. Course Objectives / Learning Outcomes

Course Learning Outcomes

"At the end of this course, the students will have the knowledge to perform the following procedures, together with knowing and understanding the principles underlying them.

1. Examine patient with complete or partially edentulous ridge, including those already wearing removable prostheses and evaluate the likelihood of achieving successful treatment with new removable prostheses.
2. Identify and refer for appropriate treatment patients with pathological conditions in the edentulous mouth.
3. Preliminary Impressions: Make preliminary impressions with modeling compound, alginate and other elastomeric materials.
4. Survey and Design partial edentulous cases: familiar with the components of RPDs
5. Custom Trays of complete or partially edentulous patients: Fabricate custom trays from light-cured

acrylic resins.

6. Final Impressions: Make final impressions and master casts.
7. Record bases: Fabricate record bases with the attached occlusion rims.
8. Jaw Relations: Record and understand concepts of centric relation and occlusal vertical dimension and other aspects of relationships of the edentulous arches.
9. Occlusion Rims on Edentulous Casts: Provide the students with basic knowledge to contour occlusion rims and articulate edentulous casts
10. Denture Teeth Arrangement: Set and balance denture teeth of various occlusal schemes.
11. Wax Up Gingival Contours: Wax up gingival contours for a complete denture.
12. Survey casts of partially edentulous patients, diagnose, plan treatment and design frameworks for removable partial dentures, which incorporate all necessary components.
13. Prepare all types of rest seats and guide planes on abutment teeth for removable partial dentures.
14. Make accurate impressions of the edentulous and partially edentulous mouth and evaluate their adequacy from examination of the impressions.
15. Fabricate accurate casts from impressions of the mouth.
16. Verify the fit of the framework returned from laboratory and perform altered cast procedures
17. Be able to treat the patient who has one totally edentulous and one partially edentulous arch.

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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:

1. Students must be competent in patient assessment, diagnosis, comprehensive treatment planning, prognosis, and informed consent. [CODA Predoctoral Standard 2-24(a)]

Formative-Midterm practical exam, lab projects

Summative- Final Practical exam

3. Students must be competent in recognizing the complexity of patient treatment and identifying when referral is indicated. [CODA Predoctoral Standard 2-24(c)]

Formative-Midterm practical exam, lab projects

Summative- Final Practical exam

7. Students must be competent in communicating and managing dental laboratory procedures in support of patient care. [CODA Predoctoral Standard 2-24(g)]

Formative-Midterm practical exam, lab projects

Summative- Final Practical exam

8. Students must be competent in the replacement of teeth including fixed, removable and dental implant prosthodontic therapies. [CODA Predoctoral Standard 2-24(h)]

Formative-Midterm practical exam, lab projects

Summative- Final Practical exam

- 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.

FK1-1: Apply knowledge of the structure and function of the normal cell and basic types of tissues comprising the human body. (Encompasses Gross and Head and Neck Anatomy, General and Oral Histology, Dental Anatomy, Occlusion, TMJ, etc.).

FK3-2: Apply knowledge of the principles of chemistry to understand the properties and performance of dental materials and their interaction with oral structures in health and disease. (Encompasses Dental Material Sciences, Biomaterials, etc.).

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.

Foundation Knowledge disciplines covered by FK6 include: Cellular and Molecular Pathology, General and Systems Pathology, etc.

FK6-4: Explain the impact of systemic conditions on the treatment of dental patients. (Encompasses Systemic Pathology, Internal Medicine, Medically Complex Patient, etc.).

FK7-3: Apply the principles of symbiosis (commensalisms, mutualism, and parasitism) to the maintenance of oral health and prevention of disease. (Encompasses Parasitology, Microbiology, Pharmacology, Immunopathology, etc.).

VI. Materials and Resources

Course Required Texts and Materials:

1. Removable Prosthodontics Laboratory Manual

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: Suggested Texts

1. Prosthodontic Treatment for Edentulous Patients-Complete Dentures and Implant-Supported Protheses, 13th ed. Zarb, Hobkirk, Eckert, Jacob, Mosby 2013
2. Phoenix, Rodney D., Cagna, David R., DeFreest, Charles F., "Stewart's Clinical Removable Partial Prosthodontics" Chicago, Illinois, 2008, 4th Edition, Quintessence Co.
3. Glossary of Prosthodontic Terms, 9th ed. Mosby 2017

- 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:

01/05/21	Lab 1R	Fabrication of 2 sets of casts from Viade model(with keys) Mounting of the duplicated casts
01/09/21	Lecture 1 R	Introduction of Interim Removable partial denture Blockout, relief and wrought wire clasps

01/12/21	Lab 2 R	Survey/ design of interim RPD Fabrication of WW clasps
01/15/21	Lecture 2 R	RPD framework try-in Occlusal considerations of removable partial dentures
01/19/21	Lab 3 R	Arrangement of interim RPD denture teeth Arrangement of monoplane denture teeth
01/22/21	Lecture 3 © R	RPD Altered cast procedures Complete denture occlusion: Monoplane occlusal scheme
01/26/21	Lab 4 © R	Arrangement of interim RPD teeth Arrangement of monoplane denture teeth Project P7 (Completed interim RPD denture teeth setup) Due 01/26 end of each session
01/29/21	Lecture 4 ©	complete denture occlusion: Monoplane occlusal scheme
02/02/21	Lab 5 ©	Arrangement of interim RPD teeth Arrangement of monoplane denture teeth Project C5: Arrangement of monoplane denture teeth/remount index Due 02/23 end of each session
02/05/21	Lecture 5 ©	Delivery of RPDs, CDs, , and interim RPDs Clinical remount
02/09/21	MIDTERM PRACTICAL EXAMINATION RPD design and preparation	
02/12/21	MIDTERM WRITTEN EXAMINATION	
02/16/21	Lab 6 ©	Arrangement of monoplane denture teeth Project C5: Arrangement of monoplane denture teeth/remount index Due 02/23 end of each session
02/19/21	Lecture 6 ©	Introduction and clinical procedures of immediate complete dentures
02/23/21	Lab 7 ©	Arrangement of denture teeth in lingualized articulation Project C6: Arrangement of lingualized denture teeth Due 03/16 End of each session
02/26/21	Lecture 7 ©	Introduction of lingualized articulation
03/02/21	SPRING BREAK	
03/05/21		
03/09/21	Lab 8 ©	Arrangement of denture teeth in lingualized articulation Project C6: Arrangement of lingualized denture teeth Due 03/16 End of each session
03/12/21	Lecture 8 ©	CD/RPD post insertion care repair/reline/rebase
03/16/21	FINAL PRACTICAL EXAMINATION ARRANGEMENT OF MONOPLANE NON-BALANCED OCCLUSION	
03/19/21	FINAL WRITTEN EXAMINATION	

“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

N/A

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:

The final course grade will be based on the performance of midterm practical, final practical exams and laboratory project grades. The cumulative passing grade is 70 %

- I. Practical Exams: 70 % of the total gradeI. Midterm Practical Exam 30 %
- II. Final practical exam 40 % 2. Labortory projects
Laboratory Projects: 30 %

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:

Letter

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

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 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

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.