NOVA SOUTHEASTERN UNIVERSITY
College of Dental Medicine

CDM 2995 - Clinical Practice of Dental Fundamentals

I. Course Information

Course: CDM 2995 - Clinical Practice of Dental Fundamentals
Semester and Year: Winter 2021
Course Start and End Dates: 01/04/2021 - 04/25/2021
Course Reference Number: 31904
Semester Credit Hours: 2.0
Building and Room: Online Venue - CANVAS

II. Instructor Information

Professor: Dr. Sharon Crane Siegel
Email: scsiegel@nova.edu
Phone: 954-262-7379
Office Hours:
By appointment only.

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
	01/04/2021 - 04/25/2021		Programs On-line	Online Venue-CANVAS
R	02/25/2021 - 04/22/2021	10:10 AM - 10:59 AM	Programs On-line	Online Venue-CANVAS

IV. Course Description

The combined lecture and laboratory course is an integrated program which includes objectives from the following disciplines: dental anatomy, fundamentals of occlusion, operative dentistry, dental biomaterials, cariology, endodontics, periodontics and fixed prosthodontics. The Clinical Practice of Dentistry program (CPD) builds on the foundational knowledge learned in the D1 and D2 curriculum in order to prepare students for a comprehensive care competency based clinical program. The course focuses on the application of the learning objectives obtained throughout the D1 and D2 curriculum. The CPD is an integrated Segway to the clinic course and has been developed to evaluate 1) the educational effectiveness of the integrated curriculum and 2) whether we were successful in providing meaningful learning experiences. The course basis is interactive with both large group discussions and breakout sessions with clusters of 15-20 students. An overview of esthetics that focuses on “smile analysis” and color management’s role in treatment planning is introduced during the first month to integrate cosmetic principles into the students’ knowledge base. The remainder of the 10-week course involves student participation in the formulation of treatment plans for simulated, de-identified patients. This is followed by laboratory exercises which reflect actual restorative, prosthodontic, and endodontic procedures that would

be accomplished for these patients in clinical practice. During the large group discussions, specialists deemed necessary for consultations by the students during the break out session will be called in. This innovative approach to integrating clinical and didactic knowledge seeks to ensure that NSU-CDM pre-doctoral students are prepared for the clinical practice of dentistry.

V. Course Objectives / Learning Outcomes

Course Learning Outcomes

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

1. Describe basic principles of adhesion of dental materials to enamel and dentin.
2. Identify the principals of tooth preparation for composite resin, amalgam RRGI and indirect crown restorations and apply those principles to perform laboratory preparations and restorations in correct occlusion.
3. Demonstrate the proper techniques for the manipulation of the above stated materials for the restoration of teeth.
4. Employ proper safety procedures for all materials used in the laboratory including resin composite and amalgam dental restorations.
5. Demonstrate the skills necessary to diagnose pulpal disease and implement endodontics into the patient's overall treatment plan.
6. Describe language and concepts pertaining to the normal periodontium.
7. Interpret periodontal evaluations with the use of standard periodontal diagnostic instruments, radiographs and related diagnostic procedures and apply this information to comprehensive treatment planning
8. Identify and describe the basic knowledge of tissues and biologic processes related to establishing clinical periodontal normalcy.
9. Identify clinical situations that are beyond their level of expertise, and require referral, or treatment plan modification.
10. Use critical thinking skills to access restorative needs of patients and be able to complete the necessary procedures.

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:

4. Graduates must be competent in health promotion and disease prevention. (Formative).
   [CODA Pre-doctoral Standard 2-24(d)]

   Formative Assessment: Daily project grade assessments, Case presentations, PICO Questions

6. Graduates must be competent in the restoration of teeth. (Formative)
   [CODA Pre-doctoral Standard 2-24(f)]

   Formative Assessment: Daily project grade assessments, Practical Examinations

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

   Formative Assessment: Daily project grade assessments, Practical Examinations

24. Graduates must be competent in communicating and collaborating with other members of the health care team to facilitate the provision of health care. (Formative)
   [CODA Pre-doctoral Standard 2-20]

Formative Assessment: Case presentations

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. (Formative and Summative).
[CODA Pre-doctoral Standard 2-10]

Formative Assessment: Daily project grade assessments, Case presentations PICO Questions
Summative Assessment: Case presentations, PICO Questions, Case Based Comprehensive Mock Board 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

FK3: Apply knowledge of physics and chemistry to explain the characteristics and use of technologies and materials used in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

Foundation Knowledge disciplines covered by FK-3 include: Basic Radiology, Dental Material Sciences, Biomaterials, Biophysics, etc. Clinical Science areas where FK3 may have relevance include: Prosthodontics, Restorative Dentistry, Oral Diagnostics, Applied Biomaterials, Preventive Dentistry, Laser-Assisted Dentistry, Applied Pharmacology, Radiology, Implant Dentistry, Endodontics, Esthetic Dentistry, Cosmetic Dentistry, Radiation Oncology, Oral Oncology, 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.).

Select examples include: advantages and disadvantages of biomaterials used in dentistry, compatibility of dental materials both with each other and with biologic systems, substantivity and the adhesion chemicals, drugs, dental plaque, food, etc. to dental materials or to tissues in the mouth.

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.
Clinical Science areas where FK6 may have relevance include: Periodontology, Oral Pathology, Oral Medicine, Oral Oncology, Oral Cancer, Oral Diagnostics, Diagnosis and Treatment Planning, History and Physical Examination, Endodontics, Emergency Care, Oral Radiology, Oral and Maxillofacial Surgery, Clinical Laboratory Sciences, Prosthodontics, Craniofacial Prosthodontics, Applied Biomaterials, etc.

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.

Foundation Knowledge disciplines covered by FK9 include: Sociology, Psychology, Philosophy and Ethics, Cultural Competence, Ergonomics, Applied Nutrition, Communication Skills, Emotional Intelligence and other Behavioral Sciences, etc. Clinical Science areas where FK9 may have relevance include: all major clinical disciplines where patient interaction is anticipated including Speech Therapy and Clinical Nutrition, Nicotine Replacement Therapy, and Practice Management including Access to Care and Patient Education and Compliance.

FK9-1: Apply principles of sociology, psychology, and ethics in making decisions regarding the management of oral health care for culturally diverse populations of patients. (Encompasses Sociology, Psychology, Ethics, Cultural Competence, Emotional Intelligence, Communication Skills, Community Health, Public Health,
etc.).
Select examples include: • understand patient responses to treatment recommendations based on beliefs associated with cultural or ethnic background • assess community-based interventions for prevention of oral disease.

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.
Foundation Knowledge disciplines covered by FK10 include: Statistics, Public Health Dentistry, Descriptive and Analytical Epidemiology, Dental and Health Informatics, Evidence-Based Dentistry, Applied Research, etc.

Clinical Science areas where FK10 may have relevance include: all major disciplines associated with practicing dentistry including Practice Management.

FK10-5: Apply elements of the scientific process, such as inference, critical analysis of research design, and appreciation of the difference between association and causation, to interpret the findings, applications, and limitations of observational and experimental research in clinical decision-making using original research
articles as well as review articles. (Encompasses Evidence-Based Dentistry, Applied Research, etc.).

Select examples include: the value of evidence from observational versus experimental studies in determining the efficacy of therapeutic interventions.

VI. Materials and Resources

Course Required Texts and Materials:

Kidd, E.A. (2005). *Essentials of Dental Caries: The Disease and its Management*. (3rd ed.). Oxford University Press, New York, New York.
Summitt, J.B., Robbins, J.W., Hilton, T. J., Schwartz, R.S. (2006). *Fundamentals of Operative Dentistry: A Contemporary Approach (3rd ed)*.Quintessence Publishing, Hanover, IL.

Fujimota, J., Land, M. F.,& Rosenstiel, S. F. (2007). *Contemporary Fixed Prosthodontics (4th ed.).*Elsevier Publishing, New York, New York.
Shillingburg, H. T., Jacobi, R., & Brackett, S.E. (1987). *Fundamentals of Tooth Preparation for Cast Metal and Porcelain.* Quintessence Publishing, Hanover, IL.

Hargreaves, K.M., Cohen, S., & Berman, L.H. (2011). *Pathways of the Pulp (10th ed.).* Mosby, Elsevier, St. Louis, MO.

Nelson, S.J. (2009). *Wheeler's Dental Anatomy, Physiology, and Occlusion (9th ed.).* Saunders, Elsevier, Hanover, IL.

Scheid, R.C., & Weiss, G. (2011). Woelfel's Dental Anatomy: Its Relevance to Dentistry (8th ed.).Lippincott Williams and Wilkens, Philadelphia, PA.
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:
1.Lecture outlines on Canvas
2.Laboratory outlines on Canvas
3.Course Syllabus and Manual

4.Course Project Completion Booklet (PCB): Must be available at all times in the laboratory session.
5.Course Project Manual to be signed at each lab and must be available for each laboratory session.
6. Assessment Booklet (Carrying all of the assessments that faculty and students will do for each student for each project) that must be available at each laboratory session.
- 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:

Course Schedule

Lecture Thursdays beginning Feb 25, 2020 through April 23, 2020 from 10:10am – 11:00am
Laboratory Thursdays beginning Feb 25, 2020 through April 22, 2020 from 1:00pm – 5:00pm
Laboratory Tuesdays beginning March 23, 2020 through April 22, 2020 from 1:00pm – 5:00pm

Lectures will be Virtual by Zoom or if permitted in Finkelstein Auditorium 2104. Laboratories will be held in the Simulation Laboratory.

Topic Outline:

Winter 2021
CDM 2995 CRN: 31904
Clinical Practice of Dentistry Fundamentals
Lecture Thursdays beginning March 11, 2021 through April 15, 2021 from 10:10am – 11:00am
Laboratory Thursdays beginning March 11, 2021 through April 15, 2021 from 1:00pm – 5:00pm
Laboratory Tuesdays beginning March 23, 2021 through April 13, 2021 from 1:00pm – 5:00pm

DATE	TOPIC	LECTURE ROOM ASSIGNMENT	CONTENT OUTLINE	SPEAKER
March 11, 2021	CPD Course, Clinic, Pros Clinical Manual	Lecture Zoom # To be Determined 10:10-11:00am	Overview of CPD Fundamentals Course, Clinical Overview. All projects will be turned in the last day of the course. Save all of your projects!! Marked and colored teeth provided by the Department must be the ones that the students use for two projects 2 teeth only). Students will provide all other typodont teeth.	Dr. Sharon Siegel
March 11, 2021	Esthetic Analysis	Sim Lab Yellow Team 1:10-3:00 pm Green Team 3:15-5:00 pm Lecture/Lab Exercise	Lecture and Synchronous Interactive Seminar: Smile Analysis	Dr. Steven Milhauser Dr. Liliana Mosquera Team Faculty
March 18, 2021	Color Management & Lab Communication	Lecture Zoom # To be Determined 10:10-11:00am	Color Management & Communication Lecture	Dr. Elaine Lara
March 18, 2021	Color Management & Lab Communication	Sim Lab Green Team 1:10-3:00 pm Yellow Team 3:15-5:00 pm Lecture/Lab Exercise	**Color Management & Communication Laboratory** Jay Walls, CDT will speak to each Team about communicating with the laboratory technician and completing the laboratory prescription. Introduce Case 1. Student will have completed the Color Webinar (link in manual) as homework and turn in the **printed** certificate in class. During lab the student will color map their own central incisor (#9) with 3-D Shade Master on a lab prescription, then use a provided silicone mould to shape an anterior tooth for composite layering and characterization.	Dr. Elaine Lara Mr. Jay Walls, CDT Dr. Liliana Mosquera Dr. Sharon Siegel Team Faculty
March 22, 2021	Whitening	Lecture Zoom # TBD 7pm-8pm tentative	Whitening Lecture/Synchronous or asynchronous on Zoom. Also Intro/review Case #1 and send out Case #1. Send out Team Charter.	Dr. Elaine Lara

March 22, 2021	Whitening for Homework that will due, 3/30/2021	Homework	Homework: Select Shade/Fabrication of Bleaching Trays Class must have a Modupro maxillary and mandibular casts for Provisional stents.	Dr. L. Mosquera Dr. Sharon Siegel Team Faculty
March 23, 2021	Considerations for Sequencing of TX	Sim Lab 1:10-2:00pm Lecture Zoom # TBD Yellow Team in Sim lab Green Team at Home watching	Treatment Plan Sequencing/ Define urgent and emergency tx. Dr. Antonelli will present to entire class, but Yellow Team will be in the Sim Lab and the Zoom will be projected. The Green Team will be remote for the lecture.	Dr. John Antonelli
March 23, 2021	Address Emergency Treatment of Pt. 1 Tx Plan	Sim Lab Yellow Team 2:10-3:30 pm Green Team 3:45- 5:05 pm Lab Exercise	Lecture: Discussion of Team TX Planning with Pt. 1 reviewed with overview Lab: Perform Emergency Prosthodontic/Restorative Treatment on Pt. Case # 1 Sim lab: Students will ask for a specific tooth # for emergency treatment needed and tell instructor, why and what they will be doing. They will complete a specific treatment on #? Materials student must bring: Restorative Kit, Rubber dam, Kilgore typodont with all new teeth, matrix bands, Toffelmire matrix holder, wedges.	Dr. Sharon Siegel Dr. John Antonelli Team Faculty
March 25, 2021	Case Discussion in 4 groups Dr. Siegel will set up 4 Zoom Meetings for Endo, Perio and Implant and Team Leaders	Zoom # Seminar TBD 10:10-11:00am Breakout Rooms	Student and faculty will be invited to break-out sessions in their Alginate Teams in assigned Zoom Breakout rooms with mentor faculty. Students will have prepared to discuss case. (Send out invites). Group A Instructors: Siegel/Dobrin/Schneider Group B Instructors: Antonelli/Coelho/Resnick Group C Instructors: Mosquera/Gordon/Romer Groups D Instructors: Lara/Blum/Stempel Consulting Faculty, Dr. Ahmadian (Implants), Dr. Bronstein (Periodontics), & Dr. Manjarres (Endodontics) will be requested to answer team questions.	Dr. Sharon Siegel Dr. John Antonelli Dr. D. Bronstein (C) Dr. L. Ahmadian (C) Dr. Vivian Manjarres (C) Team Faculty

March 25, 2021	Lab Exercise for Pt #1	Sim Lab Green Team 1:10-3:00pm Yellow Team 3:15-5:00 pm Lab Exercise	Lab: Follow-up care of Emergency Treatment for Pt Case #1 plus #15 treatment. Then prepare #15 for metal ceramic crown with mesial box and distal groove and provisionalize. (Ask for justification for the groove and for the position of groove..mesial and distal). Student will win a prize for correct answer. If do not finish, it will be homework.	Dr. Sharon Siegel Dr. John Antonelli Dr. Liliana Mosquera Team Faculty
March 29, 2021	Discussion of Class IV and Class III prep and restoration.	Zoom # Seminar TBD 7pm-8pm tentative	Lecture: Prep and Restore Class IV and Class III	Dr. Marianna Pasciuta /Galka
March 30, 2021	Lab Class IV and Class III	Sim Lab Yellow Team 1:10-3:00 pm Green Team 3:15- 5:00 pm Lab Exercise	Lab: Identify & treat an urgent problem on anterior teeth Students will identify urgent problem with Patient Case #1 and tell faculty to get tooth. They will perform the treatment indicated and also complete a Class III on #7 ML and DL (restore only ML). Send PDF on Ideal and Alternative Tx Plans and Read about Diastema Closure (Homework assignment: Quiz)	Dr. John Antonelli Dr. Sharon Siegel Dr. Liliana Mosquera Team Faculty
April 1, 2021	Case Discussion in 4 groups Dr. Siegel will set up 4 Zoom Meetings for 4 Teams	Zoom # Seminar TBD 10:10-11:00am Breakout Rooms	Student and faculty will be invited to break-out sessions in their Alginate Teams in assigned Zoom Breakout rooms with mentor faculty. Students will have prepared to discuss case. (Send out invites). Group A Instructors: Siegel/Dobrin/Schneider Group B Instructors: Antonelli/Coelho/Resnick Group C Instructors: Mosquera/Gordon/Romer Groups D Instructors: Lara/Blum/Stempel Finalize Treatment Plan Presentation for the afternoon for Patient Case 1.	Dr. Sharon Siegel Dr. John Antonelli Dr. Liliana Mosquera Team Faculty
April 1, 2021		Sim Lab Restorative Sim Lab Yellow Team 1:10-3:00 pm Green Team 3:15- 5:00 pm Lab Exercise	Restore other Class III on #7. Prepare Class IIIs on #6 ML and DL, and restore one.	Restorative Faculty Dr. John Antonelli Dr. Sharon Siegel Dr. Liliana Mosquera Team Faculty

April 5, 2021	Final Presentations of each team Tx Plan	7:00-9:00pm Student Presentations: by Zoom	Student Presentations: Case I Teams will present and defend their Ideal & Alternate Tx Plans and answer the 4 Pico Questions.	Dr. John Antonelli Dr. Sharon Siegel Dr. Liliana Mosquera Team Faculty Teams A to D
April 6, 2021	Endo	Sim Lab 1:00-5:00pm	Endodontic Diagnosis Tx Plan Review; Case Presentation	Dr. Robert Seltzer
April 8, 2021	Restorative Review	Lecture Zoom # TBD 10:10-11:00am Lecture	Lecture: Class II Standard Preparation Parameters & restoration. Class II Composite Preparation Parameters and restoration.	Dr. Galka and Dr. Pascuita lecture Dr. Sharon Siegel Dr. John Antonelli Dr. Liliana Mosquera Team Faculty
April 8, 2021	Endo	Sim Lab 1:00-5:00pm	Continuation of Endodontic Diagnosis Tx Plan Review Case Presentation; remove 2-3 mm from coronal GP	Dr. Robert Seltzer
April 13, 2021	Restorative Review (Class II & Class III preparation/restoration)	Sim Lab Restorative Sim Lab Green Team 1:10-3:00 pm Yellow Team 3:15- 5:00 pm Lab Exercise	Lab: Mock Case to include standard preparation of Class II #19 MO, Class II #18 MO and restoration and restore End odontically Treated tooth from previous lab. Restore endodontically treated tooth treated in Dr. Seltzer's course with Luxacore and for homework prepare for Metal Ceramic Crown. In preparation for the practical exam the student will prepare #18 Class II MO to restore in composite during the exam (this can be done as homework). During class the student will prepare two #19s for Class II , one of which will be restored during the lab. This will be continued on April 15, 2021. Send out Case II (Keri O'Genic) to students for Lecture on April 15, 2021.	Dr. Hack, Dr. Antonelli, Dr. Siegel, Dr. Liliana Mosquera and Team Faculty

April 15, 2021	Preventive Presentation and Seminar with Case (Students to read Case 2) Come up with Risk Category for patient, and come up with Chemo Therapy for patient, Recall time. Discuss.	Lecture – Hull Room 2105 10:10-11:00am	Preventive Seminar: Present Risk Factors, FL Protocol, Recall Schedules based on risk/Discussion of Case. Varnishes (what does Nova offer), Fluoride, Caries Risk factors Write three prescriptions for Prescription strength fluoride rinse, a prescription tooth paste and MI Paste Plus for hom ework.	Dr. Evren Kilinc present Risk Factors, FL Protocol, Recall Schedules based on risk/Discussion of Case. Dr. Sharon Siegel Dr. John Antonelli Dr. Liliana Mosquera Team Faculty
April 15, 2020	Prosthodontic Treatment of Case I	Sim Lab Restorative Sim Lab Yellow Team 1:10-3:00 pm Green Team 3:15- 5:00 pm Lab Exercise	Finalize procedures from April 13, 2021. (The student will prepare #18 Class II MO to restore in composite during the exam (this can be done as homework). During class the student will prepare two #19s for Class II , one of which will be restored during the lab.) For Homework Prepare #8 (Bulky Veneer on #8 and faulty margins) for All Ceramic with Shoulder Preparation use P MMA to make one provisionals. Review of All Ceramic Preparation (Handout posted on Canvas (15 minutes: Dr. Sharon Siegel)	Dr. Sharon Siegel Dr. John Antonelli Dr. Liliana Mosquera Team Faculty
April 21, 2021	Final Practical Exam (Case Study)	Green Team 8:00 am-12:00 pm	Practical: Set-up time: 7:45 am Use Rubber dam and get start checks Modupro typodont. #19 MO Class II Standard Preparation #18 MO Class II Composite Restoration (Tooth already prepared for Class II)	Dr. Sharon Siegel Dr. John Antonelli Dr. Liliana Mosquera Team Faculty
April 21, 2021	Final Practical Exam (Case Study)	Yellow Team 1:00 p.m.-5:00 pm	Practical: Set-up time: 12:45 pm Use Rubber dam and get start checks Modupro typodont. #19 MO Class II Standard Preparation #18 MO Class II Composite Restoration (Tooth already prepared for Class II)	Dr. Sharon Siegel Dr. John Antonelli Dr. Liliana Mosquera Team Faculty

Winter 2021
CDM2995 CRN: 31904
Clinical Practice of Dentistry Fundamentals
Lecture Thursdays beginning March 11, 2021 through April 15, 2021 from 10:10am – 11:00am

Laboratory Thursdays beginning March 11, 2021 through April 15, 2021 from 1:00pm – 5:00pm
Laboratory Tuesdays beginning March 23, 2021 through April 13, 2021 from 1:00pm – 5:00pm

DATE	TOPIC	LECTURE ROOM ASSIGNMENT	CONTENT OUTLINE	SPEAKER
March 11, 2021	CPD Course, Clinic, Pros Clinical Manual	Lecture Zoom Login TBA 10:10-11:00am	Overview of CPD Fundamentals Course, Clinical Overview. All projects will be turned in the last day of the course. Save all of your projects!! Marked and colored teeth provided by the Department must be the ones that the students use for two projects 2 teeth only). Students will provide all other typodont teeth.	Dr. Sharon Siegel
March 11, 2021	Esthetic Analysis	Sim Lab 1:00-2:00pm 2:00-3:15 pm Yellow Team 3:30-5:00 Green Team Lab Exercise	Lecture: Smile Analysis Lab: Smile Analysis	Dr. Steven Milhauser Team Faculty
Spring Break March 1-5, 2021				
March 18, 2021	Color Management	Lecture Zoom Login TBA 10:10-11:00am	Color Management & Communication Lecture	Dr. Elaine Lara
March 18, 2021	Color Management	Sim Lab 1:10-3:00 pm Green Team 3:10-5:00 Yellow Team Lab Exercise	Color Management & Communication Laboratory Jay Walls will speak to each group about communicating with the laboratory technician and completing the laboratory prescription.Student will complete the Color Webinar as homework and come in with the printed certificate. During Lab the student will characterize their provisional, color map with 3D Master their own #8 or #9 on a Fixed prescription, mix colors and form a tooth to layer composite formed into a tooth and characterize. Alternative with D3s ask for #7 for the D2s to repair. Bring polishing kit. Send out Case #1.	Dr. Elaine Lara Dr. Liliana Mosquera Mr. Jay Walls Team Faculty
March 23, 2021	Whitening	Lecture – Lecture Zoom Login TBA 1:10-2:00 pm	Whitening Lecture	Dr. Elaine Lara
March 23, 2021	Whitening Lab	Sim Lab 2:10-3:30 pm Yellow Team 3:45-5:05 Green Team Lab Exercise	Lecture: Intro to Case 1 (10 min-Dr. Siegel) Lab: Whitening-Fabrication of Bleaching Trays Class must have maxillary and mandibular casts of ModuPro typodonts for stents in future. Team Charter sent out.	Dr. L. Mosquera Dr. Sharon Siegel Team Faculty

March 25, 2021	Considerations for Sequencing of TX	Sim Lab 1:00-2:00pm Lecture	Treatment Plan Sequencing/ Define urgent and emergency tx.	Dr. John Antonelli
March 25, 2021	Address Emergency Treatment of Pt. 1 Tx Plan	Sim Lab 1:10-3:00 pm Green Team Sim Lab 3:15-5:00 pm Yellow Team Lab Exercise	Lecture: Discussion of Team TX Planning with Pt. 1 reviewed with overview Lab: Perform Emergency Prosthodontic/Restorative Treatment on Pt. Case # 1 Sim lab: Students will ask for a specific tooth # for emergency treatment needed and tell instructor, why and what they will be doing. They will complete a specific treatment on #? Materials student must bring: Restorative Kit, Rubber dam, Kilgore typodont with all new teeth, matrix bands, Toffelmire matrix holder, wedges.	Dr. Sharon Siegel Dr. John Antonelli Team Faculty
March 25, 2021	Case Discussion in 4 groups	Lecture – – Finkelstein Aud 2104 and Sim Lab 10:10-11:00am	Break-out sessions each team in assigned rooms with mentor faculty that the students will have prepared to discuss case. Groups 1 & 2 (Sim Lab) (Antonelli and Siegel), Groups 3 & 4 (Hull 2105) (Berger and Hack). Consulting Faculty, Dr. Ahmadian (Implants), Dr. Bronstein (Periodontics), & Dr. Seltzer (Endodontics) will be requested to answer team questions.	Dr. Sharon Siegel Dr. John Antonelli Dr. John Virag Dr. Leila Ahmadian Dr. Vivania Manjarres Team Faculty
March 30, 2021	Lab Exercise for Pt #1	Sim Lab 1:10-3:00 pm Yellow Team Sim Lab 3:15-5:00 pm Green Team Lab Exercise	Lab: Follow-up care of Emergency Treatment for Pt Case #1 plus #15 treatment. Then prepare #15 for metal ceramic crown with mesial box and distal groove and provisionalize. (Ask for justification for the groove and for the position of groove..mesial and distal). Student will win a prize for correct answer. If do not finish, it will be homework.	Dr. Sharon Siegel Dr. John Antonelli Team Faculty
March 30, 2021	Discussion of Class IV and Class III prep and restoration.	Lecture: 1:00-2:00pm Sim Lab 2:10-5:00 Lab Exercise	Lecture: Prep and Restore Class IV and Class III Lab: Identify & treat an urgent problem on anterior teeth Students will identify urgent problem with Patient Case #1 and tell faculty to get tooth. They will perform the treatment indicated and also complete a Class III on #7 ML and DL (restore only ML). Send PDF on Ideal and Alternative Tx Plans and Read about Diastema Closure (Homework assignment: Quiz)	Dr. Marianna Pacuita /Galka Dr. John Antonelli Dr. Sharon Siegel Team Faculty
April 1, 2021	Case Discussion in 4 groups	Lecture – – Finkelstein Aud 2104 10:10-11:00am	Break-out sessions each team in assigned rooms with mentor faculty. Groups 1 & 2 (Sim Lab), Groups 3 & 4 (Hull 2105) Finalize Treatment Plan Presentation for the afternoon for Patient Case 1.	Dr. Sharon Siegel Dr. John Antonelli Team Faculty

April 1, 2021	Final Presentations of each team Tx Plan	Sim Lab: 1-2:30 pm Morris Auditorium: 3:00-5:00pm Student Presentations:	Restore other Class III on #7. Prepare Class IIIs on #6 ML and DL, and restore one. Student Presentations: Case I Teams will present and defend their Ideal & Alternate Tx Plans and answer the 4 Pico Questions.	Dr. John Antonelli Dr. Sharon Siegel Team Faculty Teams 1 to 4
April 6, 2021	Endo	Sim Lab 1:00-5:00pm	Endodontic Diagnosis Tx Plan Review; Case Presentation	Dr. Robert Selzer
April 8, 2021	Restorative Review	Lecture – – Finkelstein Aud 2104 10:10-11:00am	Lecture: Prep Class II Amalgam, Preparation Parameters & restore Class II Composite Preparation Parameters and restore	Dr. Galka and Dr. Pascuita lecture Dr. Sharon Siegel Dr. John Antonelli Team Faculty
April 8, 2021	Endo	Sim Lab 1:00-5:00pm	Continuation of Endodontic Diagnosis Tx Plan Review Case Presentation	Dr. Robert Selzer
April 13, 2021	Restorative Review (Class II & Class III preparation/restoration)	Sim Lab 1:00-5:00pm Lecture Mock Cases	Lab: Restorative Treatment for Patient #1 and preparation for Final Exam to include Preparation of Class II amalgam, Class II Composite preparation and restoration, Class III, and restore Endodontically Treated tooth from previous lab. Practice and prepare for practical: Scenario is to remove existing Amalgam restoration to be restored in Composite (gingival floor open and the buccal and lingual walls with the explorer being able to go through): 1. Prepare #30 (3) for Class II MO Amalgam preparation; restore two in composite (see scenario). 2. Prepare #31 (3) for Class II MO Composite preparations restore one in composite. One of these preparations will be restored during the practical, April 22, 2020. 3. Prepare two Class IIIs (#8 DL) and restore one. This will be continued on April 16, 2020. Send out Case II (Keri O'Genic) to students for Lecture on April 16, 2020.	Dr. Hack, Dr. Antonelli, Dr. Siegel and Team Faculty
April 15, 2021	Preventive Presentation and Seminar with Case (Students to read Case 2) Come up with Risk Category for patient, and come up with Chemo Therapy for patient, Recall time. Discuss.	Lecture — Finkelstein Aud 2104 10:10-11:00am	Preventive Seminar: Present Risk Factors, FL Protocol, Recall Schedules based on risk/Discussion of Case. Varnishes (what does Nova offer), Fluoride, Caries Risk factors Write three prescriptions for Prescription strength fluoride rinse, a prescription tooth paste and MI Paste Plus for homework.	Dr. Evren Kilinc present Risk Factors, FL Protocol, Recall Schedules based on risk/Discussion of Case. Sharon Siegel Dr. John Antonelli Team Faculty

April 15, 2021	Prosthodontic Treatment of Case I	Sim Lab 1:00-5:00pm Lab Exercise	Review of All Ceramic Preparation (15 minutes: Dr. Sharon Siegel) Continued restorative treatment of Patient #1. Restore endodontically treated tooth treated in Dr. Seltzer's course with Paracore and prepare for Metal Ceramic Crown. Prepare #8 (Bulky Veneer on #8 and faulty margins) for All Ceramic with Shoulder Preparation use PMMA to make TWO provisionals. Finalize preparation for final practical: Student should have one Class II MO #31 from April 14, 2020.	Dr. Sharon Siegel Dr. John Antonelli Team Faculty
April 21, 2021	Final Practical Exam (Case Study)	Sim Lab 8:00 a.m.-12:00 pm	Practical: Use Rubber dam and get start checks Modupro typodont. #30 MO Class II Amalgam Preparation #31 MO Class II Composite Restoration Class (Tooth already prepared for Class II) #8 DL Class III	Dr. Sharon Siegel Dr. John Antonelli Team Faculty
	Lunch	12:00-1:00 p.m.	Lunch: All students must take a break. The Sim Lab will be locked and equipment secured for 1 hour. Sim Lab will be locked up.	Team Faculty
April 21, 2020	Final Practical Exam (Case Study)	Sim Lab 1:00 -5:00pm	Use Rubber dam and get start checks Kilgore typodont. Final Practical: #30 MO Class II Amalgam Preparation #31 MO Class II Composite Restoration Class (Tooth already prepared for Class II) #8 DL Class III	Dr. Sharon Siegel Dr. John Antonelli Team Restorative Faculty

"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
Each group will turn in treatment plans for the patients assigned and answers to the Pico Questions as well as the FL Prescriptions. Individual presentations will be done on specific topics that will be evidence based related to the patient treatment and a written copy of the researched assignments will be submitted for each student.

Complete all of the projects assigned in class and turn them in at the end of the course as well as the signed forms from the Project Completion Manual.

There will be a booklet with all of the self assessments and faculty assessments that will be completed as the course progresses and will be turned in at the end of the course.

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:
This course will be graded as Pass/Fail. Students that pass the course will attend all of the lectures and laboratories, complete all of the projects to a level of clinical acceptability by the due date of the last day of the course, as well as complete the practical exams, final written exam and quizzes to a level of clinical acceptability. Those students that fail may remediate the final exam one time for a grade of RP (remediate pass). Those that fail the remediation will receive a failing final grade and will not be allowed to enter clinic. Those students that do not pass the remediation will be required to repeat the course.
Course Final Grade Mode for the course (Pass/Fail, PR/NPR or Letter Grade). For a continuum course, please specify the grade mode for <u>each</u> semester.
Grade Mode:
Pass/Fail/Remediated Pass

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 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.