



CDM 3140 - Special Needs Dentistry

I. Course Information

Course: CDM 3140 - Special Needs Dentistry
Semester and Year: Winter 2021
Course Start and End Dates: 01/04/2021 - 04/25/2021
Course Reference Number: 31886
Semester Credit Hours: 1.0

II. Instructor Information

Professor: Michelle Madera
Email: mmadera@nova.edu
Office Hours:
 By appointment

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
W	01/06/2021 - 04/21/2021	8:10 AM - 8:59 AM	Ft Lauderdale/Davie Campus	-

IV. Course Description

NSU CDM created the Henry Schein Special Needs Clinical Suite now located in the North Miami Beach dental clinic in 2003. The Special Needs clinic has been designed to provide the dental students with an exposure to patients with acquired disabilities, developmental disabilities, and the frail elderly; as well as provide much needed dental care to this underserved population. The special needs dentistry winter semester lecture series is an interdisciplinary course that will expand upon the concepts presented in the D-2 year. A more comprehensive look at the pathophysiology of the diseases affecting persons with disabilities will be provided. This information will help to prepare the students for the upcoming clinical experience in Community Dentistry in the D-4 year. The course consists of approximately 16 fifty minute sessions in gerontology and acquired and developmental disabilities. The student will be better prepared to develop comprehensive, individualized treatment plans for persons with disabilities. Community Service Participation: Each D-3 student is required upon completion of their D-3 year to have participated in the equivalent of one day in a Community Dentistry sponsored activity such as: Community health fairs HITS Health Fairs Sealant program Special Olympics Annual Glades Reach Fair Jamaica mission Other NSU CDM special programs NSU Give Kids A Smile FDA Mercy of Mercy Elder Community Outreach Zo’s Winter Groove Broward County Housing Authority The Community Service Participation is designed to provide the dental student with the opportunity to observe first hand the oral health needs of the surrounding communities. Additionally, each student should understand and be willing to meet these needs during their professional careers.

V. Course Objectives / Learning Outcomes

Course Learning Outcomes

Upon completion of this course the student should be familiar with:

- 1.) The unique problems confronting today's geriatric and disabled populations with regard to medical, psychological, social, pharmacological, financial, and cultural needs.
- 2.) The unique oral and dental problems confronting the dental practitioner when treating people of advanced years and those with disabilities.
- 3.) Establishing an individualized protocol for prevention and maintenance of the oral Environment.
- 4.) The unique technical challenges which may be faced when providing all phases of dental care to the disabled adult.
- 5.) The information provided throughout the lecture series in order to develop comprehensive, individualized treatment plans within the limitations of the disabled person's medical, psychological, social, pharmacological, and financial history.
- 6.) The general roles and responsibilities of individuals, institutions, and agencies during an all-hazards response.
- 7.) Knowledge of hazard communications and how to activate an emergency response.

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:

Related Competencies:

3. Graduates must be competent in recognizing the complexity of patient treatment and identifying when referral is indicated.

[CODA Predoctoral Standard 2-23(c)], Formative - Written Exams

4. Graduates must be competent in health promotion and disease prevention.

[CODA Predoctoral Standard 2-23(d)] Formative - Written Exams, Community Service

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] Formative - Written Exams

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

[CODA Predoctoral Standard 2-25] Formative - Written Exams

18. Graduates must be competent in managing common medical emergencies that may be encountered in dental practice.

[CODA Predoctoral Standard 5-6] Formative - Written Exams

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] Formative - Written Exams

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

[CODA Predoctoral Standard 2-21]

- 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

Foundation Knowledge Statements:

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

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.

FK6-3: Explain the interplay of platelets, vascular endothelium, leukocytes, and coagulation factors in maintaining fluidity of blood, formation of thrombi, and causation of atherosclerosis as it relates to the management of oral health.

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

FK6-5: Explain the mechanisms, clinical features, and dental implications of the most commonly encountered metabolic systemic diseases. (Encompasses Systemic Pathology, Internal Medicine, Medically Complex Patients, etc.).

FK9-2: Apply principles of sociology, psychology and ethics in making decisions and communicating effectively in the management of oral health care for the child, adult, geriatric, or special needs patient. (Encompasses Sociology, Psychology, Ethics, Communication Skills, Child Psychology, Geriatric Medicine, Patients with Special Needs, Applied Nutrition, Speech Therapy, etc.).

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.

FK10-2: Apply the principles and logic of epidemiology and the analysis of statistical data in the evaluation of oral disease risk, etiology, and prognosis. Encompasses Evidence-Based Dentistry, Epidemiology, Statistics, Preventive Dentistry, Health Promotion, Public Health Dentistry, Community Dentistry, etc.).

VI. Materials and Resources

Course Required Texts and Materials:

Recommended Text:

1. Gluck, George M., Jong's Community Dentistry and Health, 5th Edition
2. Burt, Brian A., Dentistry, Dental Practice, and the Community, 6th Edition.
3. Delivery Systems, Friedman, P.K.(Ed) Geriatric Dentistry: Caring for Our Aging Population, September 2014, Wiley-Blackwell,

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: Not applicable

- 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:

Session	Date	Lecture Title	Professor
1	January 8	Introduction to Special Care Dentistry 2	Ede-Nichols
2	January 15	No Class	-----
3	January 22	Management of Persons with Psychiatric Disorders	Ede-Nichols
4	January 29	Management of Persons with Chemical Dependencies	Ede-Nichols
5	Feb. 5	SN Anxiety and Pain Control ***	Urbino
6	Feb. 12	SN Anxiety and Pain Control***	Urbino
7	Feb. 19	SN Anxiety and Pain Control***	Urbino
8	Feb 26	ASDA DAY	-----
9	March 4	SPRING BREAK	-----
10	March 11	Working with Caregivers of Persons with Special Needs***	Robinson
11	March 18	<i>Midterm Examination 8-9 AM</i>	
12	March 25	Management of Persons with Neurologic Disorders: Non-progressive/Progressive	Ede-Nichols
13	April 1	Clinical decision making for medical emergencies in the SNP	Ede-Nichols
14	April 8	Resident Presentations***	Special Needs Resident
15	April 15	Resident Presentations***/ Introduction to Special Care Clinic	Special Needs Resident
16	April 21	<i>Final Examination 8 – 10 AM</i>	Ede-Nichols

***Mandatory Attendance

“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

Evaluation Criteria/Methods:

The final didactic grade will be determined by the following:

Mid-term Examination -	40%
Final Examination -	50%
Community Service -	10%

Failure to satisfy a community service rotation will result in failure of the entire course.

The examinations will be in the multiple choice and/or short essay format. The students will be responsible for the lecture material and any additional handouts provided unless otherwise specified by the instructor. The final examination may be cumulative.

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:

Evaluation Criteria/Methods:

The final didactic grade will be determined by the following:

Mid-term Examination -	40%
Final Examination -	50%
Community Service -	10%

Failure to satisfy and properly document a community service rotation will result in failure of the entire 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 each semester.

Grade Mode:

Pass/Fail, 70 % or C to obtain a passing grade

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 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 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.