



## *CDM 2085 - Introduction to Special Needs Dentistry*

### **I. Course Information**

**Course:** CDM 2085 - Introduction to Special Needs Dentistry  
**Semester and Year:** Fall 2021  
**Course Start and End Dates:** 07/26/2021 - 12/12/2021  
**Course Reference Number:** 23993  
**Semester Credit Hours:** 2.0  
**Building and Room:** HPD-Assembly I Building - 2101TERY

### **II. Instructor Information**

**Professor:** Michelle Madera  
**Email:** [mmadera@nova.edu](mailto:mmadera@nova.edu)  
**Office Hours:**  
By appointment only. Please send the request by Email: [mmadera@nova.edu](mailto:mmadera@nova.edu)

### **III. Class Schedule and Location**

| <b>Day</b> | <b>Date</b>                | <b>Time</b>          | <b>Location</b>               | <b>Building/Room</b>                 |
|------------|----------------------------|----------------------|-------------------------------|--------------------------------------|
| F          | 07/30/2021 -<br>12/10/2021 | 1:10 PM -<br>2:59 PM | Ft Lauderdale/Davie<br>Campus | HPD-Assembly I Building-<br>2101TERY |

### **IV. Course Description**

Introduction to Special Needs Dentistry is a didactic and clinical course that will briefly introduce the student to public health dentistry, define the special needs patient, focus on their oral health needs, discuss access to care issues, and present methodology for overcoming the lack of care in this patient population. In addition, a mini-course in tobacco cessation is included.

### **V. Course Objectives / Learning Outcomes**

#### **Course Learning Outcomes**

The student will be able to:

- 1) Define the special needs patient and understanding the demographics of the special needs populations in the United States and the impact on health care.
- 2) Discuss barriers to care becoming familiar with the unique problems confronting today's disabled populations with regard to medical, psychological, social, pharmacological, financial, and cultural needs and their ability to receive oral health care.
- 3) Understanding that being disabled, medically compromised, homebound, or institutionalized increases the likelihood of serious dental problems and limited access to care.
- 4) Explain methods for overcoming the barriers to receiving basic oral care.
- 5) Present a case study of people with special needs.

- 6) Provide routine daily oral health care instructions and assistance to the disabled population.
- 7) Understand long term and intermediate care facilities, the chart work, and the operations of the facility regarding oral health care.
- 8) Understand the pharmacology and clinical implications of tobacco usage and providing useful tools for tobacco cessation.

**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 (as defined by educational outcomes):**

1. Graduates must be competent in patient assessment, diagnosis, comprehensive treatment planning, prognosis, and informed consent.

*[CODA Predoctoral Standard 2-24(a)]*

Formative: Consult/case presentations

Summative: Final exam

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

*[CODA Predoctoral Standard 2-24(c)]*

Formative: Consult/case presentations

Summative: Final exam

4. Graduates must be competent in health promotion and disease prevention, including caries management.

*[CODA Predoctoral Standard 2-24(d)]*

Formative: Consult/case presentations

Summative: Final exam

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: Consult/case presentations

Summative: Final exam

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

*[CODA Predoctoral Standard 2-25]*

Formative: Consult/case presentations

Summative: Final exam

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: Consult/case presentations

Summative: Final exam

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

*[CODA Predoctoral Standard 2-21]*

Formative: Consult/case presentations

Summative: Final 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

FK1-7: Apply knowledge of biological systems and their interactions to explain how the human body functions in health and disease.

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. FK4-1: Apply knowledge of genetic transmission of inherited diseases and their clinical features to inform diagnosis and the management of oral health. FK4-2: Apply knowledge of congenital (non-inherited) diseases and developmental conditions and their clinical features to inform the provision of oral health care. FK8: Apply knowledge of pharmacology in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health. 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. FK9-4: Apply principles of sociology, psychology, and ethics in understanding and influencing health behavior in individuals and communities. 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.

## VI. Materials and Resources

**Course Required Texts and Materials:** None

**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:**

Geriatric Dentistry Caring for our Aging Population; Friedman, P K  
Wiley 2014

- 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         | Topic   | Assignments            | Content Outline                                 | Instructor |
|---------|--------------|---|------------------------|---|------------|
| 1       | August 6     | Introduction to Special Care Dentistry                                | n/a                    | Special Needs in Florida<br>Behavior management | Dr. Madera |
| 2       | August 13    | Developmental Disabilities & Acquired Disabilities                    | n/a                    | Definitions<br>Examples/Adaptive Devices        | Dr. Madera |
| 3       | August 20    | Physiology of Aging   | Chapter 1<br>Chapter 5 | Normal physiologic changes found with aging     | Dr. Madera |
| 4       | August 27    | The Geriatric Patient<br>Geriatric Assessment<br>Wheelchair Transfers | Chapter 6<br>Chapter 9 | Video<br>Assessing the geriatric patient        | Dr. Madera |
| 5       | September 3  | NO CLASS  |                        | Happy Labor Day Weekend                         |            |
| 6       | September 10 | Culture & Demo<br>LCF/ICF Chart work<br>Consult Request               |                        | Demographics, statistics, access to care issues | Dr. Madera |
| 7       | September 17 | Tobacco Cessation   |                        |   | AHEC**     |
| 8       | September 24 | Tobacco Cessation   |                        |   | AHEC**     |
| 9       | October 1    | Make Up/Review  | <b>CONSULT DUE</b>     |   | Dr. Madera |
| 10      | October 8    | Group A   | Case Presentations     | ZOOM Cases 1,2,3,4,5,                           | Faculty*** |
| 11      | October 15   | Group B   | Case Presentations     | ZOOM Cases 6,7,8,9,10                           | Faculty*** |
| 12      | October 22   | Group C   | Case Presentations     | ZOOM Cases 11,12,13,14,15                       | Faculty*** |
| 13      | October 29   | Group D   | Case Presentations     | ZOOM Cases 16,17,18,19,20                       | Faculty*** |
| 14      | November 5   | Group E   | Case Presentations     | ZOOM Cases 21,22,23,24,25                       | Faculty*** |
| 15      | November 12  | Group F   | Case Presentations     | ZOOM Cases 26,27,28,29,30                       | Faculty*** |
| 16      | November 19  | Make Up/Review  |                        |   |            |
| 17      | November 26  | Happy Thanksgiving  |                        |   |            |
| 18      | December 10  | <b>Final Exam</b>   |                        |   |            |

\*\* Mandatory Attendance \*\*\*Mandatory attendance for 3 assigned sessions

### Topic Outline:

Refer to course schedule.

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

## VIII. Instructional Methods

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

There is no change of instruction method due to COVID-19.

## IX. Assignments

### Description of Assignments, Point Value and Rubrics

#### A. Request for Consult

Must be completed by **each** student individually. It must be in a word document and submitted via Blackboard. Students will be provided with the appropriate case information to complete a consult form on that individual which will be submitted for grading. **This assignment will not be accepted after the due date.**

#### B. Final Examination:

The examination will be in the multiple choice and/or short essay format. The students will be responsible for the lecture material, on-line material and any additional handouts provided unless otherwise specified by the instructor.

#### C. Case presentations

Case Presentations will be oral and in a group format.

However, you must submit, as a group, your written case presentation 2 days (Wednesday prior) before your presentation. You will be assigned to a group. **No changes may be made** in group partners or presentation date without permission and changes will only be made for extraordinary circumstances. **You will be provided with resources containing pertinent information from which you will do your presentation.** Outside resources are encouraged. (HINT: do not reference Wikipedia)

**Each group must present their own unique work.**

## X. Grading Criteria

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

### Grading Scale:

#### Grading Policy:

The final grade will be determined by the student class participation and consult (20%), case presentation (40%), and a final examination (40%), as well as the attendance policy as stated in the Student Handbook. 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 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.

**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 grade.

#### Course Grading Scale

| Letter Grade | GPA  | Equivalence |
|--------------|------|-------------|
| A            | 4    | 93 to 100   |
| A-           | 3.75 | 90 to < 93  |

|           |      |            |
|-----------|------|------------|
| <b>B+</b> | 3.5  | 86 to < 90 |
| <b>B</b>  | 3    | 83 to < 86 |
| <b>B-</b> | 2.75 | 80 to < 83 |
| <b>C+</b> | 2.5  | 76 to < 80 |
| <b>C</b>  | 2    | 70 to < 76 |
| <b>F</b>  | 0    | <70        |

## XI. Course Policies

### COURSE ATTENDANCE REQUIREMENTS, REMEDIATION POLICY, ALL CDM POLICIES

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

**Link to the handbook:**

<https://liverootnova.sharepoint.com/dentmed/Active%20Docs/Policies%20and%20Procedures/Pre%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](mailto:agalka@nova.edu) with a cc to [cdmservices@nova.edu](mailto: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](mailto: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

## XII. 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](http://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](mailto:laura.bennett@nova.edu) or 954-262-7858.