



DENTAL HYGIENE

**CODE:** DHY 201

**TITLE:** Clinical Services II

**DIVISION:** Health Sciences

**COURSE DESCRIPTION:** This course allows students the opportunity to demonstrate advanced treatment techniques relative to the dental hygiene appointment in the clinical setting. It emphasizes skills in oral physiotherapy, treatment planning, behavior modification strategies, adult and child preventive counseling, and adjunctive instrumentation.

**PREREQUISITE:** DHY 160 , DHY 200, DHY 222, PSY 101

**COREQUISITE:** CHE 210, DHY 210, DHY 220, DHY 241, MTH 107

**CREDITS:** 4 cr.

**REQUIRED MATERIALS (CHECK BOOKSTORE FOR LATEST EDITION):**

Click on the bookstore for the supplies which you are attending each class.

[Rcbc.edu/bookstore](http://Rcbc.edu/bookstore)

**COURSE LEARNING OUTCOMES:**

Upon completion of this course, students will be able to:

- Compare Maslow's hierarchy of needs with the human needs theory.
- Identify the four major concepts in the dental hygiene human needs model.
- Define the 11 human needs related to dental hygiene care and explain their implications for dental hygienists.
- Discuss how to design a dental hygiene intervention to help a patient/client meet a human need deficit.
- Discuss the relationship between the human need process and the dental hygiene process.
- Recognize the need expected level of professional competency required entering the profession of dental hygiene.
- Identify the issues emphasized in the code of ethics for dental hygienists

- Identify the signs, symptoms, and clinical manifestations of the special needs patient.
- Describe how the treatment of the special needs patient affects the planning and implementation of dental care.
- Describe treatment modifications for patients who exhibit the following special needs: sensory disabilities, the gerodontic patient, pregnancy, infants, toddlers, adolescents, physical impairment, maxillofacial surgery, cancer treatment, diabetes mellitus, blood disorders, TB, HIV, seizure disorders, mental retardation, mental disorders, cardiovascular disease, substance abuse, physical and/or mental abuse.
- Evaluate and analyze case studies that apply to special needs patients.

**GENERAL EDUCATION OUTCOMES IN THIS COURSE:**

Written and Oral Communication: Communication	* Students will communicate meaningfully with a chosen audience while demonstrating critical thought.
Scientific Knowledge and Reasoning: Science	* Students will understand and employ the scientific method of inquiry to draw conclusions based on verifiable evidence.  * Students will demonstrate critical thinking skills in the analysis of scientific data
Technological Competency or Information Literacy: Technology	* Students will demonstrate competency in office productivity tools appropriate to continuing their education.  * Students will demonstrate the skills required to find, evaluate, and apply information to solve a problem.
Global and Cultural Awareness: Diversity	* Students will be able to explain how communication and culture are interrelated.
Ethical Reasoning and Action	* Students will analyze and evaluate the strengths and weaknesses of different perspectives on an ethical issue or a situation.

**CORE COURSE CONTENT:**

- 8/30 Review Course Requirements Clinical Policies and Procedures/ New Forms, Unit Set Up Clinic Manual, Course Syllabus on Blackboard
- 9/6 Ultrasonic Instrumentation / Air Polishing Techniques Ch.37 (pg. 660-669) & Ch 42 (pg. 737-739), Nield Module 24 Article- Instrumentation of Biofilm- Dimensions of Dental Hygiene Dentsply CD ROM
- 9/13 Quiz – Ultrasonics/Air Polishing Dental Sealants Ch 34 , Article- Sealants - [http://www.adha.org/downloads/sup\\_sealant.pdf](http://www.adha.org/downloads/sup_sealant.pdf)

- 9/20 Anxiety & Pain Control Topics for Table Clinics Due! Ch 35 Everyday Ethics Pg. 606
- 9/27 Quiz –Chap 34 & 35 The Orthodontic Patient Dental Care for Infants & Toddlers up to Age 5 Ch 28 & 46
- 10/4 The Patient with a Cleft lip and/or Palate Oral and Maxillofacial Surgery Patients Ch.47 & 51
- 10/11 Quiz – Chap 47& 51 The Patient with Cancer Ch. 52 Article-“Management Following Cancer Therapy”- Oral Complications of Chemotherapy and Radiation - National Cancer Institute
- 10/18 MIDTERM EXAM
- 10/25 Care of Patients with Disabilities Bedridden & Homebound Patients Ch 53 & 54 Everyday Ethics Pg. 909
- 11/1 Quiz- Chaps 53&54 The Patient with Physical Impairment The Patient with a Sensory Disability Ch 55 & 56
- 11/8 Substance Abuse, Family Abuse and Neglect PANDA Presentation? Ch. 57 Everyday Ethics Pg. 965
- 11/15 Quiz- Chap 57 Patients with Cardiovascular Disease The Patient with Respiratory Diseases Ch.62 & 63 Article-  
<http://www.perio.org/resourcesproducts/pdf/36-cardio.pdf> 11/29 Patients with Seizure Disorders Patients with Blood Disorders Begin Table Clinic Presentations Ch. 58 & 64
- 12/6 The Edentulous Patient Patients with Diabetes Mellitus Table Clinic Presentations cont’ Ch. 50 & 65 DENTAL IMPLICATIONS OF DIABETES MELLITUS
- 12/13 FINAL EXAM - Table Clinic Presentations( if necessary)

**COURSE ACTIVITIES:**

Course activities vary from course to course and instructor to instructor. Below is a listing of some of the activities students can anticipate in this course:

- ▶ **Writing assignments:** students will analyze current issues in the field using current articles from the popular press as well as library research including electronic resources databases.
- ▶ **Speaking assignments:** students will present research individually or in groups using current technology to support the presentation (e.g., PowerPoint presentation); students will participate in discussions and debates related to the topics in the lessons. Discussions may also focus on cross-cultural and legal-ethical dilemmas as they relate to the course content.

- ▶ Simulation activities: Trends and issues will be analyzed for their ethical as well as social or legal significance. Students might role-play common situations for classmates to analyze. Current news articles may be used to generate discussion.
- ▶ Case Studies: Complex situations and scenarios will be analyzed in cooperative group settings or as homework assignments.
- ▶ Lectures: This format will include question and answer sessions to provide interactivity between students and instructor.
- ▶ Speakers: Representatives from various related fields may be invited to speak.
- ▶ Videos: Related topics will provide impetus for discussion.

### **EDUCATIONAL TECHNOLOGY:**

Rowan College at Burlington County advocates a technology enhanced teaching and learning environment. Advanced technological tools may be used in any course section to facilitate instruction. Many of our sections are web-enhanced, which means that some of your work will be submitted or completed online. Web enhancements may include on-line materials, grade books, testing and quizzes and assignment submission. Many students enjoy the flexibility and convenience that these online enhancements have provided, however if you have concerns about the technology involved, please speak to your instructor immediately.

### **STUDENT EVALUATIONS:**

The student will be evaluated on the degree to which student learning outcomes are achieved. A variety of methods may be used such as tests, quizzes, class participation, projects, homework assignments, presentations, etc.

See individual instructor's course handouts for grading system and criteria (point value for each assessment component in course, e.g. tests, papers, presentations, attendance etc.), number of papers and examinations required in the course, and testing policy including make ups and/or retests.

### **GRADING STANDARD:**

- A Mastery of essential elements and related concepts, plus demonstrated excellence or originality.
- B+ Mastery of essential elements and related concepts, showing higher level understanding.
- B Mastery of essential elements and related concepts.
- C+ Above average knowledge of essential elements and related concepts.
- C Acceptable knowledge of essential elements and related concepts.
- D Minimal knowledge of related concepts.

F Unsatisfactory progress. This grade may also be assigned in cases of academic misconduct, such as cheating or plagiarism, and/or excessive absences.

For other grades, see the current ROWAN COLLEGE AT BURLINGTON COUNTY catalog.

**COLLEGE POLICIES:**

The current college catalog and student handbook are important documents for understanding your rights and responsibilities as a student in the RCBC classroom. Please read your catalog and handbook as they supplement this syllabus, particularly for information regarding:

- ▶ Academic Integrity Code
- ▶ Student Conduct Code
- ▶ Student Grade Appeal Process

**OFFICE OF STUDENT SUPPORT AND DISABILITIES SERVICES:**

RCBC welcomes students with disabilities into the college's educational programs. Access to accommodations and support services for students with learning and other disabilities is facilitated by staff in the Office of Student Support (OSS). In order to receive accommodations, a student must contact the OSS, self-identify as having a disability, provide appropriate documentation, and participate in an intake appointment. If the documentation supports the request for reasonable accommodations, the OSS will provide the student with an Accommodation Plan to give to instructors. Contact the Office of Student Support at 609-894-9311, ext. 1208 or visit the website at: [www.rcbc.edu/studentsupport](http://www.rcbc.edu/studentsupport)

**ADDITIONAL SUPPORT/LABS:**

RCBC provides academic advising, student support personal counseling, transfer advising, and special accommodations for individuals with disabilities free to all students through the Division of Student Services. For more information about any of these services, visit the Laurel Hall on the Mt. Laurel Campus, or call (609) 894-9311 or (856) 222-9311, then dial the desired extension:

- Ext. 1557 Academic Advisement and Counseling
- Ext. 1803 Special Populations
- Ext. 2737 Transfer Center

Or visit the following websites:

Academic Advising      [www.rcbc.edu/advising](http://www.rcbc.edu/advising)  
Student Support Counseling      [www.rcbc.edu/counseling](http://www.rcbc.edu/counseling)  
Transfer Center      [www.rcbc.edu/transfer](http://www.rcbc.edu/transfer)

RCBC offers a free tutoring for all currently enrolled students. For more information regarding The Tutoring Center call Extension 1495 at (609) 894-9311 or (856) 222-9311 or visit the Tutoring Center Website at [www.rcbc.edu/tutoring](http://www.rcbc.edu/tutoring)

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