



DENTAL HYGIENE

**CODE:** DHY 241

**TITLE:** Supportive Therapies

**DIVISION:** Health Sciences

**COURSE DESCRIPTION:** This course provides lecture and laboratory experiences to apply the theory, techniques and applications of dental material manipulation to the clinical arena. All delegable expanded functions as outlined in the New Jersey Dental Auxiliaries Practice Act will be emphasized and taught to clinical competency. Exploration of the Dental Hygienists' role in Dental specialty practice is included.

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

**COREQUISITE:** DHY 201, DHY 210, DHY 220, CHE 210, MTH 107

**CREDITS:** 3 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:

- Demonstrate theoretical knowledge and the utilization of dental materials and specialized tools. [PLO 4]
- Implement appropriate techniques and skills for dental materials and tools. [PLO 4]
- Analyze the treatment area set up, including the application of infection control and aseptic techniques. [PLO 1, PLO 4]

**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 demonstrate critical thinking skills in the analysis of scientific data.

**CORE COURSE CONTENT:**

- Intro to Dental Materials/Lab Safety & Infection Control Procedures/Intro to Specialties/Lab Safety and Infection Control Activities/4 Handed Dentistry Lecture
- Physical & Mechanical Properties of DM/Gypsum Materials – Dental Plaster/Mixing Gypsum/Pouring Models/Lecture
- Dental Impression Material/General Dentistry/Occlusal Registrations/Taking Alginate Impressions/Lecture
- Oral Appliances/Taking and pouring impressions/Lecture
- Materials, Science and Dentistry/Model Trimmers/Articulating models/Lecture
- Amalgam and other Metallic restorations/Amalgam Polishing/Laser Diagnostic Tools/Lecture
- Adhesives/Direct Polymeric Restorative materials/Endodontics/Matrix Bands/Temporary Restorations/Rubber Dam/Lecture
- Pedodontics/Stainless Steel Crowns/Lab
- Dental Cements/Mixing cements, bases and liners/Lecture
- Clinical Detection & Using the Omnivac Lecture Management of Dental Restoratives during Polishing Radiographic Appearance of Dental materials/Mouth guards (partners models)/Lab: Omnivac Handouts
- Finishing, Polishing and Cleansing Materials/Tooth Whitening/Bleaching Trays (partners models)/Guest Speaker/Lecture/Lab
- Materials for fixed Indirect Restorations and Prosthesis/Provisional Crowns/Retraction Cord/Lecture
- Removable Prosthesis and Acrylic Resins/Orthodontics/Orthodontics/Lecture
- Periodontics Review/Oral Surgery & Forensics/Periodontal/Dressings/Suture Removal

**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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