STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK

COURSE OUTLINE

DHYG 270 – CLINICAL DENTAL HYGIENE III

Prepared by: Dawn Fremont, RDH, BSE, MSEd

SCHOOL OF SCIENCE, HEALTH & CRIMINAL JUSTICE
DENTAL HYGIENE AAS PROGRAM
MARCH 2015
A. **TITLE:** CLINICAL DENTAL HYGIENE III

B. **COURSE NUMBER:** DHYG 270

C. **CREDIT HOURS:** 4 CREDIT COURSE

D. **WRITING INTENSIVE COURSE:** NO

E. **COURSE LENGTH:** 15 WEEKS

F. **SEMESTER(S) OFFERED:** FALL

G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:**
   12 HOURS OF CLINIC EACH WEEK AND 45 HOURS OF LAB

H. **CATALOG DESCRIPTION:** Continuation of DHYG 251 Clinical Dental Hygiene II with emphasis on individualized comprehensive dental hygiene care for the periodontally involved patient. Students will administer topical and local anesthesia to manage patient discomfort during scaling and root planing procedures. Each student will also have an opportunity to administer a locally delivered antimicrobial agent. Instructional labs will be utilized to acquire practice managing patients in specialty practices and alternative practice settings such as nursing homes. Students must attend one three-hour teaching lab and complete 12 hours of clinical care each week.

I. **PRE-REQUISITES:** Dental Hygiene matriculation, current health care professional CPR/AED certification and proof of current malpractice insurance.

J. **GOALS (STUDENT LEARNING OUTCOMES):** By completion of this course, the student will meet the following course learning outcomes which are linked to the institutional learning outcomes. These outcomes provide documentation for the following dental hygiene competencies: 1.1-1.16, 2.1-2.7, 3.1-3.7, 5.1-5.5, 6.1-6.7, 7.4, 8.1, 8.2

| 1. Utilize professional and effective communication skills when conversing with patients, faculty, and peers and when consulting with other health care professionals. | 1. Communication
   3. Prof Competency |
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<tbody>
<tr>
<td>2. Demonstrate advanced instrumentation techniques when providing comprehensive dental hygiene care for patients with moderate or advanced periodontal disease without causing trauma to the teeth or tissues.</td>
<td>3. Prof Competency</td>
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<td>3. Employ proper technique when providing supporting services designed to maintain oral health, including: polishing of tarnished amalgams, the placement of pit and fissure sealants, fabrication of a sports mouthguard and dietary counseling.</td>
<td>3. Prof Competency</td>
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<td>4. Demonstrate proper technique and infection control principles when operating a nitrous oxide/oxygen delivery and scavenging system in the lab setting.</td>
<td>3. Prof Competency</td>
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| 5. Develop a treatment plan and make appropriate recommendations for a medically compromised patient in a residential living facility. | 2. Critical Thinking
   3. Prof Competency |
| 6. Display sensitivity and compassion when assessing, planning &implementing care for a culturally diverse patient. | 2. Critical Thinking
   3. Prof Competency |
| 7. Assume responsibility for accurate and complete documentation on the patient’s clinical chart. | 3. Prof Competency |
K. **TEXTS:**


L. **REFERENCES:**

M. **EQUIPMENT:** students will purchase necessary clinic, radiology lab, nitrous lab supplies.

N. **GRADING METHOD:** A – F
   A letter grade will be issued utilizing the conversion table below. All students must achieve a minimum C grade in this course.
   \[
   \begin{array}{ll}
   A & 94 - 100 \\
   B+ & 90 - 93 \\
   B & 84 - 89 \\
   C+ & 80 - 83 \\
   C & 75 - 79 \\
   D & 74 - 70 \\
   F & 69 or lower \\
   \end{array}
   \]

O. **MEASUREMENT CRITERIA/METHODS:**
   Radiographs
   Patient Care Evaluation Forms
   Mock NERB Exam
   Competency Exams
   Case Study on a Culturally Diverse Patient
   Case Study on a Periodontally Involved Patient
   Nutritional Case Study on a Clinic Patient
   Case Study on a Medically Compromised Patient
   Nitrous Oxide Exam

P. **DETAILED COURSE OUTLINE:** there is no detailed lecture outline because this is a hands-on clinical course.

Q. **CLINIC OUTLINE:**
   To meet ADA requirements, students will participate in a minimum of 12 hours of clinical practice and will assess, plan and implement care for four patients each week under the direct supervision of a faculty member. Students meet individually with supervising faculty to complete proper documentation of patient records and to interpret radiographs. Appropriate referrals must be made to patient at the end of the clinical session.

   **LAB SCHEDULE:** total of 45 hours of lab activities
   (6) hours nutrition counseling project
   (5) hours providing dental health education for at a community outreach program
   (2.5) hours at an orthodontist’s office
   (3) hours at a periodontist’s office
   (2.5) hours at a pedo office
   (2) hours at Rome Hospital
   (24) hours in clinic participating in nitrous activities
**AM CLINICAL SESSION**
9:00 - 9:15  Student reviews the patient chart with a supervising faculty member, uses Mosby’s Drug Reference to research medications listed on patient history, identifies any contraindications to care.

9:15 - 11:30  Student provides dental hygiene services under the direct supervision of a registered dental hygienist or dentist.

11:30 - 12:00  Student decontaminates the treatment room, processes contaminated instruments, prepares room for afternoon clinic and meets with the supervising faculty to Review chart documentation. Faculty member provides feedback on clinical performance and offers suggestions for improvement when necessary.

**PM CLINICAL SESSION**
1:00 - 1:15  Student cleans and disinfects the unit prior to placing barriers and gathers necessary armamentarium

1:15 - 3:30  Student reviews the patient chart with a supervising faculty member, uses Mosby’s Drug Reference to research medications listed on patient history, identifies any contraindications to care.

3:30 - 4:00  Student provides dental hygiene services under the direct supervision of a registered dental hygienist or dentist.

**LAB OUTLINE**

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<tr>
<th>Date</th>
<th>Monday Labs</th>
<th>Dr. Melnyk 1 Paris Road New Hartford 315-733-2100</th>
<th>Dr. Jeff Peck 2604 Genesee St Utica, NY 315-735-6441</th>
<th>Ortho Practice Bassin &amp; Hession 737 Stone Street Oneida, NY 13421 315-363-2480 9:00-11:00am</th>
<th>Pedo Practice Dr. Norman Cognetto 100 Genesee St New Hartford, NY (315) 724-5437</th>
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<tbody>
<tr>
<td>Wk 1</td>
<td>Discussion on Dietary Analysis Project with Ms. Stockton in Computer Lab</td>
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<tr>
<td>Wk 2</td>
<td>Continue Discussion on Dietary Project</td>
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<td>Wk 3</td>
<td>Discuss CDCA paperwork</td>
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<td>Wk 4</td>
<td>Nitrous discussion and demonstration</td>
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<td>Wk 5</td>
<td>Nitrous Administration #1</td>
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<td>Wk 6</td>
<td>Nitrous Administration #2 Loupes Workshop</td>
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<td>Wk 7</td>
<td>Workshop on resume building and interviewing techniques</td>
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<td>Wk 8</td>
<td>Nitrous Administration #3</td>
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<td>Wk 9</td>
<td>Participate in a Mock Interview</td>
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<td>Wk 10</td>
<td>Nitrous Administration #4</td>
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<td>Wk 11</td>
<td>Nitrous Administration #5</td>
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<td>Wk 12</td>
<td>Pathology Review for CDCA Exam</td>
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<td>Wk 13</td>
<td>Radiology Review for CDCA Exam</td>
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<td>Wk 14</td>
<td>Take Sophomore Exit Survey Complete NYS Office Of Professions Paperwork Temporary License App Complete Chart Audits</td>
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