

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



COURSE OUTLINE

DHYG 290 – MANAGEMENT OF SPECIAL NEEDS PATIENTS

Prepared by: **Pamela P. Quinn, RDH, BSE, MEd**

**SCHOOL OF SCIENCE, HEALTH & CRIMINAL JUSTICE
DENTAL HYGIENE AAS PROGRAM
MARCH 2015**

– MANAGEMENT OF SPECIAL NEEDS PATIENTS

- A. **TITLE:** MANAGEMENT OF SPECIAL NEEDS PATIENTS
- B. **COURSE NUMBER:** DHYG 290
- C. **CREDIT HOURS:** 1
- D. **WRITING INTENSIVE COURSE:** No
- E. **COURSE LENGTH:** 10 WEEKS
- F. **SEMESTER(S) OFFERED:** SPRING
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:**
1.5 HOURS OF LECTURE EACH WEEK
- H. **CATALOG DESCRIPTION:**
This 10 week course will heighten the hygiene student’s understanding of the dental needs of patients with varying medical conditions as well as those with physical, sensory and emotional conditions that can impact a patient’s oral health and require modified care during the dental appointment. Understanding the dynamic oral-system link will enable the student to develop appropriate treatment plans and provide individualized, patient centered care for all patients. Students will attend 1.5 hours of lecture each week.
- I. **PRE-REQUISITES/CO-COURSES:** Pre-requisites: Dental Hygiene matriculation or permission of the instructor.
- J. **GOALS (STUDENT LEARNING OUTCOMES):** By the end of this course, the student will meet the following course learning outcomes which are linked to the institutional learning outcomes. This course provides foundational learning for completing Dental Hygiene Program Competencies: 1.1, 1.8-1.10, 3.1, 3.3, 3.7, 6.5-6.7, 8.1, 8.2

| Student Learning Outcomes | Institutional Outcomes |
|--|--|
| 1. Demonstrate professionalism and respect for patients when providing patient care at a residential living facility. | 3. Prof Competency |
| 2. Utilize professional and effective communication skills when conversing with patients, care providers and other health care professionals and make appropriate referrals. | 1. Communication 3. Prof Competency |
| 3. Demonstrate problem-solving skills and utilize alternative management skills when caring for the special needs population. | 2. Critical Thinking 3. Prof Competency |
| 4. Utilize accepted scientific principles and evidence presented in professional studies when developing an appropriate treatment plan for the special needs population. | 2. Critical Thinking 3. Prof Competency |
| 5. Provide quality documentation for the hospital and the clinic at the conclusion of patient care. | 3. Prof Competency |

* Specific learning objectives will be distributed with each unit.

- K. **TEXTS:**
Wilkins, Esther. Clinical Practice of the Dental Hygienist, 11th Edition, Lippincott, Williams & Wilkins, 2013

Little, James et al, Dental Management of the Medically Compromised Patient, 8th Edition, St. Louis, 2013.

L. REFERENCES:

Darby, Michele. Mosby's Comprehensive Review of Dental Hygiene, most current Edition

M. EQUIPMENT: None

N. GRADING METHOD: A – F

A letter grade will be issued utilizing the conversion table below. All students must achieve a minimum C grade.

| | |
|----|-------------|
| A | 94 - 100 |
| B+ | 90 - 93 |
| B | 84 - 89 |
| C+ | 80 - 83 |
| C | 75 - 79 |
| D | 74 - 70 |
| F | 69 or lower |

O. MEASUREMENT CRITERIA/METHODS:

Homework Assignments
Quizzes
Power point Presentation
Final Exam

P. DETAILED COURSE OUTLINE:

- I. Defining Special Needs and the Assessment Process
 - A. Who are Special Needs Patients
 - B. People First Language
 - C. The D-Terminated Program
 - D. Repetitive Tasking
 - E. Familiarization
- II. The Pregnant Patient
 - A. New York State Dept of Health Guidelines
 - B. Appropriate Care and Treatment Planning for Each Trimester
- III. Treatment for the HIV-infected Patient
 - A. Oral Lesions
 - B. Treatment Recommendations
- IV. Family Abuse and Neglect
 - A. Child Abuse
 - B. Elder Maltreatment
 - C. Partner Abuse and Violence
 - D. Reporting Abuse
- V. The Cancer Patient & Blood Disorders
 - A. Impact on Oral Health
 - B. Radiation and Chemotherapy
 - C. Dental Hygiene Plan of Care
 - D. Factors to Teach the Patient

- VI. Patients with Mental Disability
 - A. Down's Syndrome
 - B. Autism
 - C. Mental retardation
 - D. Factors to Teach the Care Providers

- VII. Psychiatric and Behavioral Disorders
 - A. Depression
 - B. Bipolar
 - C. Anxiety Disorders
 - D. Schizophrenia
 - E. Management of Patients

- VIII. Patients with a Substance Abuse Related Disorder
 - A. Fetal Alcohol Syndrome
 - B. Most Drugs of Abuse
 - C. Withdrawal Symptoms
 - D. Treatment Methods

- IX. Patients with Physical and Sensory Disabilities
 - A. Muscular Dystrophy
 - B. Multiple Sclerosis
 - C. Cerebral Palsy
 - D. Parkinson's Disease
 - E. Kidney Disease
 - F. Visual and Hearing Impairment

- Q. **LABORATORY OUTLINE:** Not applicable