# COURSE SYLLABUS

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<tr>
<th><strong>Course Title:</strong></th>
<th>Fundamentals of Dental Hygiene Theory</th>
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<tbody>
<tr>
<td><strong>Department:</strong></td>
<td>Allied Health</td>
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<tr>
<td><strong>Curriculum:</strong></td>
<td>Dental Hygiene</td>
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<tr>
<th><strong>Course Code:</strong></th>
<th>DHY*209</th>
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<td><strong>Course Type:</strong></td>
<td>L/M/D</td>
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<th><strong>Elective Type:</strong></th>
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- **Course Descriptors:**
  
  Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system.

- **Prerequisites:**
  
  Matriculation in Dental Hygiene program

- **Corequisites:**
  
  DHY*210 Fundamentals of Dental Hygiene Clinic
  DHY*228 Histology & Oral Anatomy for the Dental Hygienist
  DHY*212 Diagnostic Radiography for the Dental Hygienist

- **Other Requirements:**
  
  This course must be taken concurrently with Fundamentals of Dental Hygiene Clinic (DHY*210)

- **Credit Hours:**
  
  3

- **Developmental:**
  
  No

- **Contact Hours:**
  
  Lecture: 3
  Clinical: 0
  Lab: 0
  Studio: 0
  Other: 1
  TOTAL: 4

- **Class Maximum:**
  
  30

- **Semesters Offered:**
  
  F

- **Catalog Course Description:**
  
  Presents a comprehensive theoretical introduction to dental hygiene and is designed to familiarize the student with the concept of total client/patient care.

- **Topical Outline:**
  
  List course content in outline format.

  1. Professional ethics
  2. Dental, medical and personal history
  3. Vital Signs
  4. Medical emergencies
  5. Infection control and prevention of disease transmission
  6. Care of dental equipment
  7. Client reception and positioning
  8. Extra and Intra Oral Examinations
  9. Deposits of the teeth and stains
  10. Oral health education
  11. Use of the explorer for calculus detection
  12. Debridement: manual and mechanical
  13. Periodontal assessment
  14. Instrument sharpening
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<th>15. Restorative charting</th>
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<td>16. Selective polishing</td>
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<td>17. Topical fluoride treatment</td>
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<td>18. OSHA regulations</td>
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**Outcomes:**
Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.

**Upon successful completion of this course, the student will be able to do the following:**
1. demonstrate an understanding of ethical professional behavior
2. discuss and interpret medical history findings, including vital signs
3. explain the critical importance of maintaining asepsis and discuss methods for avoiding disease transmission
4. discuss care and maintenance of dental equipment
5. identify and discuss the significance of operator and client positioning techniques
6. explain the procedure for performing and documenting the EOE/IOE and demonstrate an understanding of the findings and their implications on treatment
7. discuss the deposits of the teeth and their significance in oral health
8. identify and discuss the features of instrument design and the procedures for the removal of deposits of the teeth
9. discuss and explain the comprehensive periodontal assessment and demonstrate an understanding of the implications on oral health and treatment
10. explain the use of the explorer in the comprehensive restorative examination and calculus detection
11. discuss oral hygiene education/strategies and methods of client motivation
12. demonstrate an understanding of all instruments utilized for assessment and treatment
13. evaluate instrument sharpness and explain sharpening procedures as needed
14. explain the rationale and procedure for selective polishing and topical fluoride
15. define OSHA and explain features of these regulations as they relate to the delivery of dental care

*Students must achieve at least 75% (“C”) for successful completion of the course.*

**PROGRAM:** (Numbering reflects Program Outcomes as they appear in the college catalog.)

**GENERAL EDUCATION:** (Numbering reflects General Education Outcomes as they appear in the college catalog.)

**Evaluation:**
List how the above outcomes will be assessed.

**Assessment will be based on the following criteria:**
1. exams
2. quizzes
3. assignments
4. presentations

**Instructional Resources:**
List library (e.g. books, journals, on-line resources), technological (e.g. Smartboard, software), and other resources (e.g. equipment, supplies, facilities) required and desired to teach this course.

**Required:** Online support via course shell for case study review and general discussion

**Desired:** None
| Textbook(s) | 1. Darby & Walsh, *Dental Hygiene Theory and Practice*, Latest Edition  