**Course Title:** Fundamentals of Dental Hygiene Theory

**Department:** Allied Health

**Curriculum:** Dental Hygiene

### Course Descriptors:
Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system.

### Course Code:
(eg. ACC 101) DHY*209

### Course Type:
L/M/D

- A: Clinical
- B: Lab
- D: Distance Learning
- I: Individual/Independent
- L: Lecture
- N: M: Seminar
- P: Practicum
- U: Studio
- X: Combined Lecture/Lab
- Y: Combined Lecture/Lab
- Z: Combined Lecture/Studio

### Elective Type:
G

- E: English
- FA: Fine Arts
- G: General
- HI: History
- HU: Humanities
- LAS: Liberal Arts & Sciences
- FL: Foreign Language
- M: Math
- S: Science
- SS: Social Science

### Credit Hours:
3

###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)

### 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

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

### Class Maximum:
30

### Semesters Offered:
F

### Ability-Based Education (ABE) Statement:
At Tunxis Community College students are assessed on the knowledge and skills they have learned. The faculty identified the General Education Abilities critical to students' success in their professional and personal lives. In every class, students are assessed on course abilities, sometimes program abilities, and, in most classes, at least one General Education Ability. Students will receive an evaluation of the degree to which they have demonstrated or not demonstrated that General Education Ability.
| 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 |
| 15. | Restorative charting |
| 16. | Selective polishing |
| 17. | Topical fluoride treatment |
| 18. | OSHA regulations |

**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.)*

6. **Oral Communication** - Students will be prepared to develop oral messages of varying lengths and styles that communicate effectively and appropriately across a variety of settings.
   - **Demonstrates:** Delivers oral presentations using appropriate evidence and appeals as determined by the rhetorical situation.
   - **Does Not Demonstrate:** Delivers oral presentations lacking appropriate evidence and appeals as determined by the rhetorical situation.

**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:

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)