

# Dental Hygiene (Associate of Applied Science) - Memphis

## Associate of Applied Science

**Contact Hours:** 1,810

**Semester Credits:** 88.5

**Instructional Weeks – Full Time:** 70

**Average Time to Complete – Full Time:** 17 Months

**Program offered at:** Memphis, Tennessee

## Dental Hygiene (Associate of Applied Science) Mission Statement

The program provides students with theoretical knowledge, technical skills, and professional attributes necessary to qualify for licensure as a Registered Dental Hygienist and entry-level employment as a Dental Hygienist. The program aims to guide students in developing professional commitment, community involvement, and continued research. Graduates will be eligible to sit for the National Board Dental Hygiene Examination.

## Learning Objectives / Instructional Outcomes

The program includes general education courses covering mathematics, written, verbal and nonverbal communications; interpersonal skills; critical thinking; the sciences; and the humanities. Learning objectives prepare students through an array of skill sets with learning objectives that include extra-oral and intraoral exams, periodontal and dental exams, patient history reviews, vital sign checks, and risk assessments. Program graduates will recognize, respect, and act with consideration for individual differences, values, preferences, and expressed needs.

## Career Overview

Dental Hygienists are licensed, professional oral clinicians and dental health educators who prevent and treat oral disease, promote and encourage preventive aspects of dental care, and assume responsibility for patient care in the dental office. They provide a variety of services to patients, including comprehensive examination of the oral cavity, radiographs, prophylaxis, fluoride treatments, patient education, and preventive services. They are required to pass written and clinical examinations before they apply for licensure to practice. Dental Hygienists are integral members of the dental team who use their dental, clinical, and social sciences to aid individuals in achieving optimum oral health. Besides working in a private dental practice, Dental Hygienists also work as educators, administrators, and researchers.

**In order to graduate from the Dental Hygiene (Associate of Applied Science) program, students must successfully complete the following curriculum:**

## Program Delivery

The Dental Hygiene program is delivered in a blended format. Courses will be delivered entirely online, entirely on-ground or with an appropriate blend of both online and on-ground hours in the same course. Of the 1,810 program hours, a maximum of 714 course hours (39.4%) may be offered online.

### Term 1

| Course # | Course Title         | Theory Hours<br>(Ground/Online) | Lab Hours<br>(Ground/Online) | Clinical Hours<br>(Ground/Online) | Semester Credit<br>Hours |
|----------|----------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|
| BIOL1405 | Anatomy & Physiology | 60 ( 0 / 60 )                   | 0                            | 0                                 | 4                        |

|                 |                       |                    |          |          |           |
|-----------------|-----------------------|--------------------|----------|----------|-----------|
| ENGL1310        | English Composition I | 45 ( 0 / 45 )      | 0        | 0        | 3         |
| MATH1320        | College Algebra       | 45 ( 0 / 45 )      | 0        | 0        | 3         |
| PSYC1310        | General Psychology    | 45 ( 0 / 45 )      | 0        | 0        | 3         |
| <b>Subtotal</b> |                       | <b>195 (0/195)</b> | <b>0</b> | <b>0</b> | <b>13</b> |

## Term 2

| Course #        | Course Title                       | Theory Hours<br>(Ground/Online) | Lab Hours<br>(Ground/Online) | Clinical Hours<br>(Ground/Online) | Semester Credit<br>Hours |
|-----------------|------------------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|
| BIOL1330        | Microbiology                       | 45 ( 0 / 45 )                   | 0                            | 0                                 | 3                        |
| CHEM1310        | Chemistry                          | 45 ( 0 / 45 )                   | 0                            | 0                                 | 3                        |
| COMM1310        | Elements of Human<br>Communication | 45 ( 0 / 45 )                   | 0                            | 0                                 | 3                        |
| SOCI1310        | Introduction to Sociology          | 45 ( 0 / 45 )                   | 0                            | 0                                 | 3                        |
| <b>Subtotal</b> |                                    | <b>180 (0/180)</b>              | <b>0</b>                     | <b>0</b>                          | <b>12</b>                |

## Term 3

| Course #        | Course Title                       | Theory Hours<br>(Ground/Online) | Lab Hours<br>(Ground/Online) | Clinical Hours<br>(Ground/Online) | Semester Credit<br>Hours |
|-----------------|------------------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|
| DH101           | Dental Hygiene I                   | 30 ( 25 / 5 )                   | 90 ( 80 / 10 )               | 0                                 | 5                        |
| DH103           | Dental Radiography                 | 30 ( 30 / 0 )                   | 30 ( 20 / 10 )               | 0                                 | 3                        |
| DH105           | Dental Anatomy/Tooth<br>Morphology | 60 ( 40 / 20 )                  | 0                            | 0                                 | 4                        |
| DH111           | Dental Office Emergencies          | 15 ( 15 / 0 )                   | 0                            | 0                                 | 1                        |
| <b>Subtotal</b> |                                    | <b>135 (110/25)</b>             | <b>120 (100/20)</b>          | <b>0</b>                          | <b>13</b>                |

## Term 4

| Course #        | Course Title                | Theory Hours<br>(Ground/Online) | Lab Hours<br>(Ground/Online) | Clinical Hours<br>(Ground/Online) | Semester Credit<br>Hours |
|-----------------|-----------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|
| DH102           | Dental Hygiene II           | 30 ( 30 / 0 )                   | 60 ( 45 / 15 )               | 80 ( 80 / 0 )                     | 5.5                      |
| DH104           | Dental Materials            | 15 ( 10 / 5 )                   | 30 ( 30 / 0 )                | 0                                 | 2                        |
| DH110           | Oral Embryology & Histology | 45 ( 30 / 15 )                  | 0                            | 0                                 | 3                        |
| DH203           | Periodontology              | 45 ( 40 / 5 )                   | 0                            | 0                                 | 3                        |
| <b>Subtotal</b> |                             | <b>135 (110/25)</b>             | <b>90 (75/15)</b>            | <b>80 (80/0)</b>                  | <b>13.5</b>              |

## Term 5

| Course #        | Course Title         | Theory Hours<br>(Ground/Online) | Lab Hours<br>(Ground/Online) | Clinical Hours<br>(Ground/Online) | Semester Credit<br>Hours |
|-----------------|----------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|
| DH201           | Dental Hygiene III   | 30 ( 15 / 15 )                  | 0                            | 135 ( 120 / 15 )                  | 5                        |
| DH209           | Nutrition            | 45 ( 20 / 25 )                  | 0                            | 0                                 | 3                        |
| DH224           | Dental Public Health | 45 ( 30 / 15 )                  | 0                            | 0                                 | 3                        |
| DH226           | Dental Law/Ethics    | 30 ( 6 / 24 )                   | 0                            | 0                                 | 2                        |
| <b>Subtotal</b> |                      | <b>150 (71/79)</b>              | <b>0</b>                     | <b>135 (120/15)</b>               | <b>13</b>                |

## Term 6

| Course # | Course Title | Theory Hours<br>(Ground/Online) | Lab Hours<br>(Ground/Online) | Clinical Hours<br>(Ground/Online) | Semester Credit<br>Hours |
|----------|--------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|
|----------|--------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|

|                 |                     |                    |          |                     |           |
|-----------------|---------------------|--------------------|----------|---------------------|-----------|
| DH202           | Dental Hygiene IV   | 30 ( 15 / 15 )     | 0        | 185 ( 165 / 20 )    | 6         |
| DH206           | Dental Pharmacology | 45 ( 30 / 15 )     | 0        | 0                   | 3         |
| DH228           | Oral Pathology      | 45 ( 25 / 20 )     | 0        | 0                   | 3         |
| <b>Subtotal</b> |                     | <b>120 (70/50)</b> | <b>0</b> | <b>185 (165/20)</b> | <b>12</b> |

## Term 7

| Course #        | Course Title             | Theory Hours<br>(Ground/Online) | Lab Hours<br>(Ground/Online) | Clinical Hours<br>(Ground/Online) | Semester Credit<br>Hours |
|-----------------|--------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------|
| DH207           | Dental Hygiene Seminar   | 30 ( 15 / 15 )                  | 0                            | 0                                 | 2                        |
| DH227           | Board Review             | 45 ( 30 / 15 )                  | 0                            | 0                                 | 3                        |
| DH300           | Dental Office Management | 30 ( 10 / 20 )                  | 0                            | 0                                 | 2                        |
| DH301           | Dental Hygiene V         | 30 ( 10 / 20 )                  | 0                            | 150 ( 130 / 20 )                  | 5                        |
| <b>Subtotal</b> |                          | <b>135 (65/70)</b>              | <b>0</b>                     | <b>150 (130/20)</b>               | <b>12</b>                |
| <b>Total</b>    |                          | <b>1050 (426/624)</b>           | <b>210 (175/35)</b>          | <b>550 (495/55)</b>               | <b>88.5</b>              |