## Dental Hygiene

### Degrees

### Dental Hygiene Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>English/ESL Placement:</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHY 1140</td>
<td>Dental Office Procedures</td>
<td>3</td>
<td>Placement into ENG 1510 or ESL 2520. The student will develop skills relative to planning, organizing and controlling the dental office. This course will include dental office procedures such as reception duties, record control, bookkeeping and banking procedures, credit and collecting, insurance forms, supplies and inventory control and patient recall.</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
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<tr>
<td>DHY 1230</td>
<td>Oral, Head and Neck Anatomy</td>
<td>3</td>
<td>Placement into ENG 1510 or ESL 2520. This course provides a comprehensive study of oral, head and neck anatomy including: skeletal, nervous, circulatory, lymphatic, muscular systems, and the relationship to dental hygiene clinical procedures, including local anesthesia. A comprehensive study of the oral and dental anatomy as it relates to oral disease and dental hygiene care.</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
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<tr>
<td>DHY 1240</td>
<td>Dental Embryology and Histology</td>
<td>3</td>
<td>Placement into ENG 1510 or ESL 2520. This course familiarizes students with the ontogeny of humans with emphasis on the development of the maxillofacial area and dental structures. Skill is developed in the correct use of a microscope and recording of embryological and histological tissue sections.</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
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<tr>
<td>DHY 1250</td>
<td>Clinical Techniques</td>
<td>5</td>
<td>Placement into ENG 1510 or ESL 2520. This course provides an introduction to the profession of dental hygiene. Students are instructed in the concepts and techniques essential in providing comprehensive dental hygiene care. Through a simulated clinical laboratory experience, the students practice operatory preparation, infection control procedures, patient assessment, and periodontal instrumentation. All procedures are taught to clinical competence.</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
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<tr>
<td>DHY 1260</td>
<td>Dental Radiography</td>
<td>3.5</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
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<tr>
<td>DHY 1281</td>
<td>Clinical Dental Hygiene I</td>
<td>4</td>
<td>Placement into ENG 1510 or ESL 2520. This course is a continuation of Clinical Techniques, providing a transition from the pre-clinic setting to planning and providing dental hygiene care.</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
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<tr>
<td>DHY 1282</td>
<td>Clinical Dental Hygiene II</td>
<td>2.5</td>
<td>Placement into ENG 1510 or ESL 2520. This course is a continuation of Clinical Dental Hygiene I, with the added skills of placing sealants, polishing amalgams, placing a rubber dam, and taking diagnostic study models. The student learns care specific to the pediatric and geriatric dental patient. The development of critical thinking skills enables the student to analyze the components in the dental hygiene process of care.</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
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<tr>
<td>DHY 1283</td>
<td>Clinical Dental Hygiene III</td>
<td>5</td>
<td>Placement into ENG 1510 or ESL 2520. This course is a continuation of Clinical Dental Hygiene II, with an emphasis on treating special needs patients. The course develops abilities to assess, plan, implement and evaluate all types of dental hygiene procedures and treatment care plans for patients of all ages and special needs.</td>
<td>Placement into ENG 1510 or ESL 2520.</td>
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Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
DHY 1284  Clinical Dental Hygiene IV  ..................  5 Credit Hours
English/ESL Placement: Placement into ENG 1510 or ESL 2520.
Prerequisite:  DHY 1283
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
This course is a continuation of Clinical Dental Hygiene III, with an emphasis placed on preparation of the student for completing the national and clinical boards. This course includes a comprehensive case study presentation that is the culmination of all the prior Clinical Technical courses. The course is designed to continue to increase the student's efficiency and clinical abilities. All facets of clinical dental hygiene processes and procedures are taught to clinical competence. BILLABLE CONTACT HOURS: 8

DHY 1310  Periodontics  .............................  2 Credit Hours
English/ESL Placement: Placement into ENG 1510 or ESL 2520.
Prerequisite:  DHY 1282
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
The etiology, signs, symptoms and processes of pathological conditions, especially those related to the periodontium, are emphasized. Clinical experience is provided in charting the mouth and completing a routine prophylaxis. BILLABLE CONTACT HOURS: 2

DHY 1330  Therapeutics  ..................................  2 Credit Hours
English/ESL Placement: Placement into ENG 1510 or ESL 2520.
Prerequisite:  DHY 1282
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
This course provides a basic knowledge of the names, uses and beneficial and detrimental effects upon the body of drugs commonly used in dentistry. Students learn how to use standard references and apply rules for proper administration, measurement, and storage. BILLABLE CONTACT HOURS: 2

DHY 1350  Local Anesthesia  .........................  1.5 Credit Hours
English/ESL Placement: Placement into ENG 1510 or ESL 2520.
Prerequisite:  DHY 1281
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
This course provides a basic knowledge of neuroanatomy and neurophysiology, pain control, the pharmacology of local anesthetics, techniques of maxillary and mandibular anesthesia, infection control, systemic complications, and local anesthesia medical emergencies. BILLABLE CONTACT HOURS: 2

DHY 2210  General and Oral Pathology  ...........  3 Credit Hours
English/ESL Placement: Placement into ENG 1510 or ESL 2520.
Prerequisite:  DHY 1250
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
This course provides a basic knowledge of the etiology, signs and symptoms, and treatment of systemic and oral pathological conditions. Emphasis is placed on the detection and treatment of diseases of the oral region. BILLABLE CONTACT HOURS: 3

DHY 2220  Dental Public Health  ......................  1 Credit Hour
English/ESL Placement: Placement into ENG 1510 or ESL 2520.
Prerequisite:  DHY 1283
Note: Prerequisites for courses in this department are not automatically waived for College Guest students and students with a bachelor's degree or higher from a U.S. institution.
This course provides a study of organizational structure and functions of various local, state, and federal agencies concerned with public health and aspects of dentistry carried out on a community basis. The course will explore concepts of oral epidemiology, statistical methods, community assessment, program planning, program implementing, and strategies in evaluating programs. The ability to apply evidence-based decision making in review of scientific literature will be covered in the course. BILLABLE CONTACT HOURS: 1
DHY 2340  Dental Hygiene Board Review  ............2 Credit Hours

English/ESL Placement: Placement into ENG 1510 or ESL 2520.

Prerequisite: DHY 1283

This course provides the students with a review of all the dental hygiene courses and successfully prepares the students for taking the National Board Dental Hygiene Examination, Regional Clinical Board Examinations, and the Local Anesthesia and Nitrous Oxide Administration Examinations. The students will complete a self-inventory, develop a study plan, implement practice exercises, and complete a mock board examination. The course will conclude with the students building professional skills in resume writing and interviewing techniques to further the transition from student to the dental hygiene professional. BILLABLE CONTACT HOURS: 2