Dental Hygiene

Degrees

- Dental Hygiene (DHY.APP) (http://catalog.oaklandcc.edu/programs/dental-hygiene/dental-hygiene-aas)

Dental Hygiene Courses

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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
<th>English/ESL Placement</th>
<th>Prerequisite</th>
<th>Description</th>
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<tr>
<td>DHY 1140</td>
<td>Dental Office Procedures</td>
<td>3</td>
<td>Placement into ENG 1510</td>
<td></td>
<td>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. BILLABLE CONTACT HOURS: 3</td>
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<tr>
<td>DHY 1230</td>
<td>Dental Anatomy</td>
<td>3</td>
<td>Placement into ENG 1510</td>
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<td>This course is designed to familiarize students with the anatomical components and functions of the teeth and supporting structures. Students are required to demonstrate manual dexterity and knowledge of anatomy by completion of drawings and wax carvings of selected teeth. BILLABLE CONTACT HOURS: 4</td>
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<tr>
<td>DHY 1240</td>
<td>Dental Embryology and Histology</td>
<td>3</td>
<td>Placement into ENG 1510</td>
<td></td>
<td>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. BILLABLE CONTACT HOURS: 4</td>
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<tr>
<td>DHY 1250</td>
<td>Clinical Techniques</td>
<td>5</td>
<td>Placement into ENG 1510</td>
<td></td>
<td>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 operative preparation, infection control procedures, patient assessment, and periodontal instrumentation. All procedures are taught to clinical competence. BILLABLE CONTACT HOURS: 8</td>
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<tr>
<td>DHY 1260</td>
<td>Dental Radiography</td>
<td>3.5</td>
<td>Placement into ENG 1510</td>
<td>DHY 1230 and DHY 1250</td>
<td>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. Theories and principles of the X-ray, its nature and properties and recognition of the normal anatomical structures present in a properly exposed set of periapical and interproximal radiographs. Practice is provided in exposure, development and mounting of dental radiographs using a variety of techniques. BILLABLE CONTACT HOURS: 5</td>
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<tr>
<td>DHY 1274</td>
<td>Clinical Dental Hygiene II</td>
<td>2.5</td>
<td>Placement into ENG 1510</td>
<td>DHY 1250</td>
<td>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 Techniques, providing a transition from the pre-clinic setting to planning and providing dental hygiene care. The emphasis is on applying the knowledge and skills that will foster problem solving as it is related to both oral and physical health. The student learns to share concepts and techniques of dental care with patients to increase their awareness of dental health. The student applies knowledge of radiographic technique to manage patient care. All facets of clinical dental hygiene processes and procedures are taught to clinical competence. BILLABLE CONTACT HOURS: 7</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</td>
<td>DHY 1281</td>
<td>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 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. Additional theory and techniques in advanced periodontal and ultrasonic instrumentation are included. All facets of clinical dental hygiene processes and procedures are taught to clinical competence. BILLABLE CONTACT HOURS: 5.5</td>
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<tr>
<td>DHY 1283</td>
<td>Clinical Dental Hygiene III</td>
<td>5</td>
<td>Placement into ENG 1510</td>
<td>DHY 1282</td>
<td>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 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. The student learns to use information synthesis and critical thinking skills to apply to all facets of clinical dental hygiene processes and procedures. All procedures are taught to clinical competency with development in caring for more periodontally involved patients with focus on increasing their efficiency and clinical instrumentation ability. BILLABLE CONTACT HOURS: 8</td>
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<tr>
<td>DHY 1284</td>
<td>Clinical Dental Hygiene IV</td>
<td>5</td>
<td>Placement into ENG 1510</td>
<td>DHY 1283</td>
<td>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</td>
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DHY 1310  Periodontics  2 Credit Hours
English/ESL Placement: Placement into ENG 1510.
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.
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.
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.
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.
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  Public Health Dentistry  1 Credit Hour
English/ESL Placement: Placement into ENG 1510.
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.
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. BILLABLE CONTACT HOURS: 1

DHY 2240  Dental Specialties  2 Credit Hours
Equivalent:  DHY 2230
English/ESL Placement: Placement into ENG 1510.
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.
Students are familiarized with the chemical, physical, and manipulative characteristics of various restorative and procedural materials used in dentistry. Laboratory experiences develop skill in working with these materials and recording results of experiments which illustrate their uses or characteristics. BILLABLE CONTACT HOURS: 2

DHY 2250  Dental Materials  3 Credit Hours
English/ESL Placement: Placement into ENG 1510.
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.
Students are familiarized with the chemical, physical, and manipulative characteristics of various restorative and procedural materials used in dentistry. Laboratory experiences develop skill in working with these materials and recording results of experiments which illustrate their uses or characteristics. BILLABLE CONTACT HOURS: 6

DHY 2280  Dental Health Education  2 Credit Hours
English/ESL Placement: Placement into ENG 1510.
Prerequisite:  DHY 1282 and HEA 1510
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.
Emphasis is placed on development of the ability to instruct patients in the use of home care appliances and techniques for the prevention of dental diseases. Students are required to prepare and use teaching aids for the classroom or for group dental health education in civic situations. BILLABLE CONTACT HOURS: 2

DHY 2320  Dental Law  1 Credit Hour
English/ESL Placement: Placement into ENG 1510.
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.
Students are familiarized with the principles of professional ethics and laws, rules, and regulations relative to the practice of dental hygiene. BILLABLE CONTACT HOURS: 1