

**37 ADVANCED STATE ELECTRICIAN
CERTIFICATION PREPARATION—
MODULE A****3 UNITS***(May be repeated 3 times)*

Introduction to trainee program and regulations covering Electrician Trainee requirements. Overview of electrical tools, materials and meters. Fundamentals of electricity including: units of electricity, sources and types of electricity, magnetism and electricity, and properties of conductors, insulators and semiconductors. Common circuit devices, i.e., resistors, circuit protection devices, relays, motors. Use of Ohm's Law to solve parallel, series and series-parallel DC circuit calculations. Introduction to Kirchhoff's Law. This class is recommended for electricians with a minimum of 8,000 hours of on-the-job experience who have not passed the California electrician certification test. May not receive credit if Construction Electrician Training Program 36 has been completed. 27 hours lecture, 27 hours laboratory.

**38 ADVANCED STATE ELECTRICIAN
CERTIFICATION PREPARATION—
MODULE B****1 UNIT***(May be repeated 3 times)*

Introduction to OSHA Policy and Procedures, employer and employee responsibilities, use of texts CFR 1910 and 1926, identification of job-site hazards, removal, remediation or protection from hazards, safe work practices and personal protective equipment for various construction site hazards. This class is recommended for electricians with a minimum of 8,000 hours of on-the-job experience who have not passed the California electrician certification test. May not receive credit if Construction Electrician Training Program 36 has been completed. 18 hours lecture.

**39 ADVANCED STATE ELECTRICIAN
CERTIFICATION PREPARATION—
MODULE C****1/2 UNIT***(May be repeated 3 times)*

Prevention and initial care for breathing and cardiac emergencies along with basic first aid for both adults and children. This class is recommended for electricians with a minimum of 8,000 hours of on-the-job experience who have not passed the California electrician certification test. May not receive credit if Construction Electrician Training Program 36 has been completed. 8 hours lecture consisting of two four-hour modules.

CONTEMPORARY STUDIES**CONTEMPORARY STUDIES****1/2–4 UNITS**

Content developed around selected areas of contemporary issues and thought. May be offered through any non technical-vocational course title contained in the Catalog by using the number 49. The same course content may not be offered more than two semesters under this course number. 1–6 hours. Transfer: CSU.

CONTINUING EDUCATION STUDIES**CONTINUING EDUCATION STUDIES****1/2–4 UNITS**

Continuing education courses include both full term and short term courses in a wide variety of course patterns, field studies, seminars, workshops, and any other such educational activities that will meet the

educational needs of those students pursuing a community college program. May be offered under any course title contained in the Catalog, using the numbers 150 through 199. Continuing Education Studies may be repeated. 1–12 hours.

DANCE (DANC)**1 DANCE TECHNIQUE****1/2 UNIT***(May be repeated 3 times)*

Movement skills, rhythmic structure of dance, qualities of movement, special design and appreciation of dance. Emphasis on creation of individual and group compositions. Includes Afro-American dance, ballet, disco/ballroom dance, folk dance, jazz dance, modern dance, square dance, and tap dance. (See Physical Education 1) 2 hours. Transfer: CSU; UC; AA/AS.

5 DANCE WORKSHOP**1 1/2 UNITS***(May be repeated 3 times)*

Dance techniques, choreographic principles and stage presentation. Includes classical ballet, modern ballet, modern dance, polyrhythmic jazz, improvisation, Broadway musical, ethnic and folk dance. 1 hour lecture, 2 hours laboratory. Transfer: CSU; UC.

6 DANCE PRODUCTION—CHOREOGRAPHY**1–3 UNITS***(May be repeated 3 times)*

Choreographic principles of dance composition and stage presentation. Participation in dance production with the creation of new works directed toward large groups, trios, duets, and solos, possibly leading to scheduled performances; minimal participation in technical and business aspects of production. Prerequisite: Dance 5. 3–9 hours laboratory. Transfer: CSU; UC.

DENTAL HYGIENE (DHYG)**DEGREE:****AA—DENTAL HYGIENE**

The Dental Hygiene Program is accredited by the Commission on Dental Accreditation of the American Dental Association, a specialized accrediting body recognized by the council on Post-secondary Accreditation and by the United States Department of Education. Completion of the two-year program qualifies the student to take the National Dental Hygiene Board examination and the California Dental Hygiene State Board Licensure examination for licensure as a Registered Dental Hygienist. The program includes courses such as Clinical Dental Hygiene, Dental Radiology, General and Oral Pathology, Expanded Functions for the Dental Hygienist, Educational Theories in Dental Hygiene Education, Community Dental Health. These are but a few of the courses in the program. The program admits 20 students per year. Students interested in dental hygiene need a background in the basic sciences, English, psychology and speech. Dental Hygienists are primary health care providers, including areas of clinical practice, research, educational

theory, adult learning concepts and communication. This is a special admission program. For information go to the website: <http://www.chabotcollege.edu/dhygl/>.

SPECIAL APPLICATION REQUIRED

Prerequisites for admission to this program include: (1) Completion of Dental Hygiene application; (2) Anatomy 1, Chemistry 30A, Chemistry 30B, Physiology 1, Microbiology 1 or equivalents completed with a grade of "C" or higher prior to February 1 of the year of application; (3) Speech 1, Psychology 1, Sociology 1 or equivalents (*completed with a grade of "C" or higher*) by June 30th of the year of application.

DENTAL HYGIENE

ASSOCIATE IN ARTS DEGREE

FRESHMAN YEAR FALL SPRING

| | |
|---|-------|
| Dental Hygiene 50A (Dental Hygiene Orientation I) | 1/2 |
| Dental Hygiene 60 (Dental Anatomy and Morphology) | 1 1/2 |
| Dental Hygiene 60L (Dental Anatomy and Morphology Lab) | 1/2 |
| Dental Hygiene 61 (Head and Neck Anatomy) | 2 |
| Dental Hygiene 61L (Head and Neck Anatomy Lab) | 1 |
| Dental Hygiene 69A (Oral Health Education) | 2 |
| Dental Hygiene 71A (Pre-Clinical Dental Hygiene) | 4 |
| Dental Hygiene 74A (Dental Radiography I) | 3 |
| Dental Hygiene 74L (Dental Radiography Open Lab) | 1/2 |
| Health 60* (Responding to Emergencies) | 1 |
| Health 70B** (Basic Life Support for Health Care Providers) | 0.2 |
| Nutrition 1*** (Nutrition) | 3 |
| Dental Hygiene 50B (Dental Hygiene Orientation II) | 1/2 |
| Dental Hygiene 50C (Dental Hygiene Orientation III) | 1/2 |
| Dental Hygiene 51 (General and Oral Pathology) | 4 |
| Dental Hygiene 55A (Dental Materials) | 1 |
| Dental Hygiene 69B (Treatment and Evaluation in Dental Hygiene) | 1 |
| Dental Hygiene 71B (Clinical Dental Hygiene) | 4 |
| Dental Hygiene 73 (Educational Theories in Dental Hygiene Care) | 1 1/2 |
| Dental Hygiene 74B (Dental Radiography II) | 1 1/2 |
| Dental Hygiene 75 (Medical Emergencies) | 1 |

SOPHOMORE YEAR FALL SPRING

| | |
|---|-------------|
| Dental Hygiene 52A (Periodontics) | 2 |
| Dental Hygiene 54 (Pharmacology) | 2 |
| Dental Hygiene 56A (Community Dental Health I) | 1 |
| Dental Hygiene 57 (Expanded Functions for the Dental Hygienist) | 2 |
| Dental Hygiene 80A (Patient Management) | 1 |
| Dental Hygiene 81A (Clinical Practice I) | 4 |
| Dental Hygiene 82A (Clinical Experience Seminar I) | 1 |
| Dental Hygiene 52B (Advanced Periodontics) | 1 |
| Dental Hygiene 56B (Community Dental Health II) | 1 |
| Dental Hygiene 58 (Dental Office Practice) | 1 |
| Dental Hygiene 80B (Advanced Clinical Topics) | 1 |
| Dental Hygiene 81B (Clinical Practice II) | 5 |
| Dental Hygiene 82B (Clinical Experience Seminar II) | 2 |
| Dental Hygiene 83 (Patients with Special Needs) | 1 |
| Total | 59.2 |

General Education Courses

For specific General Education courses refer to catalog section on Graduation Requirements.

Total minimum units required **60******

*A student who presents a current Responding to Emergencies Card may request a waiver of Health 60

**A student who presents a current Professional Rescuer Cardiopulmonary Resuscitation Card may request a waiver of Health 70B

***Completion of Nutrition 1 is strongly recommended prior to entrance into the Dental Hygiene Program.

****The Dental Hygiene Program units combined with the Associate in Arts Degree requirements will be in excess of the minimum 60 units

Note: To progress in the Dental Hygiene Program and to graduate from the program, students must earn a minimum grade of "C" in each course.

DENTAL HYGIENE (DHYG)

50A DENTAL HYGIENE ORIENTATION I 1/2 UNIT

Orientation to the dental hygiene program to include information regarding scheduling, course requirements, financial aid considerations, program policies and procedures as well as core competencies. Prerequisite: Acceptance into the dental hygiene program. 9 hours.

50B DENTAL HYGIENE ORIENTATION II 1/2 UNIT

Orientation for second year dental hygiene students focusing on patient management and scheduling as well as policies and procedures for treating periodontally involved patients. Prerequisite: Dental Hygiene 71B. 9 hours.

50C DENTAL HYGIENE ORIENTATION III 1/2 UNIT

Orientation for second year dental students providing information regarding scheduling for complex cases, course requirements, program policies and procedures as well as patient/clinical competencies. Prerequisite: Dental Hygiene 81A. 9 hours.

51 GENERAL AND ORAL PATHOLOGY 4 UNITS

Oral pathology and dysfunctions of systems of the body which directly affect the oral cavity. Significance of oral and general pathology in relationship to treatment by the dental hygienist. Corequisite: Concurrent enrollment in the Dental Hygiene Program. 4 hours. Transfer: CSU.

52A PERIODONTICS 2 UNITS

Normal periodontium and the deviations from health, with emphasis on the hygienist's responsibility in examination, data collection and recognition of disease. Dental Hygiene therapy for periodontal disease prevention, active case management and maintenance programs. Contributing factors to disease process and case management. Decision-making for patient referral to the periodontal specialist. Prerequisite: Dental Hygiene 51 (*completed with a grade of "C" or higher*). 2 hours. Transfer: CSU.

52B ADVANCED PERIODONTICS 1 UNIT

Continuation of 52A. Research-based comprehensive periodontal therapy. Focus on systemic diseases and their relationship to periodontal disease and adjunct periodontal treatment modalities through the use of evidence-based research and case studies. Prerequisite: Dental Hygiene 52A (*completed with a grade of "C" or higher*). 1 hour. Transfer: CSU.

54 PHARMACOLOGY 2 UNITS

Sources, dosages, therapeutic action, and side effects of drugs used in dentistry and dental hygiene. Includes legal and ethical aspects of drug usage. Corequisite: Dental Hygiene 57. 2 hours. Transfer: CSU.