

# “D” Course Descriptions

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**DANCE STUDIES**

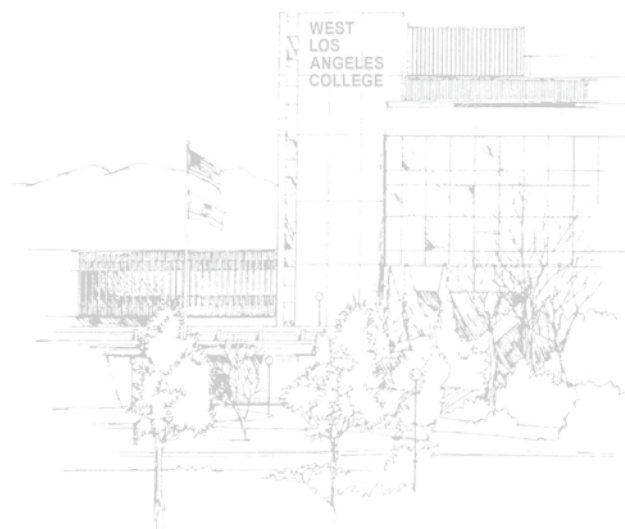
**DANCE TECHNIQUES**

**DENTAL ASSISTANT**

**DENTAL HYGIENE**

West

COURSE DESCRIPTIONS



## CORRECTIONS

(See Administration of Justice)

### 2 Correctional Institutions (3) CSU

(Same as Administration of Justice 75)

The student will become aware of cultural diversity during the presentation of the various course topics, such as community relations, race relations and cultural awareness.

### 3 Field Work I (3) CSU (Same as Administration of Justice 310)

*Prerequisites: Corrections 1 and 2.*

*(Administration of Justice 1 can substitute for Corrections 1.)*

Under supervision, students will participate in a correctional facility such as a probation/parole field office, jail, detention center, juvenile camp, juvenile institution, or a similar agency. Students must meet the minimum entry level requirements of the participating agency and will be fingerprinted, take an oath and a TB test. The class meets once a week, and the student will have a volunteer assignment for a minimum of six hours per week with a sponsoring agency.

### 4 Field Work II (3) CSU (Same as Administration of Justice 311)

*Prerequisites: Corrections 1, 2, and 3.*

*(Administration of Justice 1 can substitute for Corrections 1.)*

Under supervision, students will participate in a correctional facility such as a probation/parole field office, jail, detention center, juvenile camp, juvenile institution, or similar agency. Students must meet the minimum entry-level requirements of the participating agency and will be fingerprinted, take an oath and a TB test. The class meets once a week, and the student will have a volunteer assignment for a minimum of six hours per week with a sponsoring agency.

### 5 Legal Aspects of Corrections (3) CSU

This course provides students with an awareness of the historical framework, concepts, and precedents that guide correctional practices. Course material will broaden the individual's perspective of the corrections environment, the civil rights of prisoners, and the responsibilities and liability of correctional employees.

## DANCE STUDIES

All Dance classes require critical thinking to satisfactorily complete the course.

### 185 Directed Study - Dance Studies (1) CSU

### 814 Dance Production I (2) UC:CSU (RPT 2)

This course offers instruction in choreographic techniques culminating in a student dance production. Students will be responsible for choreographing and performing a variety of dances. This course is open to all levels.

### 822 Dance Rehearsals and Performance (1) UC:CSU (RPT 3)

This course is structured rehearsal time culminating in a student dance production. Students participate as dancers and/or choreographers.

## DANCE TECHNIQUES

All Dance classes require critical thinking to satisfactorily complete the course.

### 437 Jazz Dance (1) UC:CSU (RPT 3)

This course will train students in a variety of jazz dance techniques and principles.

### 463 Modern Jazz (1) UC:CSU (RPT 3)

This course provides instruction in the technique, principles, terminology and practice of modern jazz dance.

## DENTAL ASSISTANT

*NOTE: Courses are open only to students accepted into the Dental Assisting Program.*

### 1 Orientation to Dental Assisting (2)

*Prerequisite: English 21. Corequisite: Dental Assistant 5.*

This course will introduce students to the practice of dentistry and dental specialties. It covers topics such as: Professional and legal responsibilities and the roles of the dental auxiliary; responsibilities of the dental assistant, including oral communications, written communications and psychology; patient and office personnel communication and relations, proper charting, record keeping and professionalism.

### 3 Dental Assisting Seminar (1)

This course will enable students to discuss, problem solve and perform exercises centered on case reasoning for clinical dental assisting. Accumulated theoretical knowledge will be related to practical clinical application.

### 5 Pre-Clinical Chairside Assisting (5)

*Corequisite: Dental Assistant 1.*

Beginning skills needed to assist in common dental procedures: Use of dental equipment and instruments; and manipulation of dental materials. Procedures include the initial examination, dental restorations, impressions and basic oral surgery.

### 6 Dental Sciences for the Dental Assistant (2)

An overview of the embryologic development of the structures and soft tissues of the head, neck, teeth and oral cavity; histology of the hard and soft tissue of the oral cavity: Anatomy and morphology of teeth, the eruption sequence and process; normal occlusion, development and class of malocclusions; anatomy of the skull, arteries and veins, musculature and nervous structures of the head and neck: General pharmacologic principles: local anesthetic solutions, analgesic gases, and psycho sedatives.

**7 Infection Control for the Dental Setting (1)**

This course will enable students to comprehend and apply protection from infectious diseases important in dentistry. Instruction on disinfection, instrument decontamination, sterilization procedures and try set-up preparation will be given. Regulatory compliance agencies such as OSHA, CDC and ADA recommendations will be introduced. Hazardous material management, protocols and emergency procedures for hazardous and biohazard materials will be established.

**8 Introduction to Dental Radiology (3)**

This course will enable students to understand the principles and apply techniques of exposing and processing dental radiographs using infection control and universal precaution methods. Emphasis is placed on radiation safety and protection. This course will enable students to become proficient at intraoral radiographic techniques through laboratory practice. Manikins will be used for initial technique and instruction until 100% accuracy is achieved.

**9 Medical Emergencies (2)**

This course will enable students to recognize psychological or common medical conditions which could lead to an emergency situation in a dental office. Emphasis placed on prevention; to include a basic review of CPR, the Heimlich maneuver and obtaining and recording vital signs; Assigned roles in the case of an emergency, as well as management and legal issues of an emergency response.

**10 Intermediate Chairside Assisting (3)**

Students will apply knowledge and basic clinical skills learned in DA 105 and other related classes toward proficiency in performing dental assisting services. Emphasis will be on chair side assisting with coronal polishing, ultrasonic scaling for cement removal, restorative, oral surgery, orthodontia pedodontia, and periodontal surgeries.

**12 Clinical Science (3)**

Students will develop an understanding of Microbiologic and nutritional conditions related to dentistry; Principles of patient motivation and education: Etiology, process and prevention of caries and periodontal disease; Design and management of a plaque and oral disease control program; brushing flossing and the use of adjunctive aids; dietary counseling.

**13 Practice Management (2)**

Students will develop skills necessary to undertake front office responsibilities to include: purchasing, inventory and cost control of office supplies; accounts payable and receivable procedures; insurance billing procedures, HIPPA; treatment planning and case presentation; scheduling of appointments; resume and interviewing skills.

**15 Advanced Chairside Assisting (5)**

Advanced skills needed to assist in complex dental procedures and in the dental office laboratory. Includes advanced chairside techniques and laboratory procedures; endodontics, oral surgery, orthodontics, pediatric dentistry, restorative, periodontics and prosthodontics. Two hour lecture, three hour laboratory/preclinic or clinic.

**DENTAL HYGIENE**

*NOTE: Courses are open to enrolled Dental Hygiene Majors only.*

**88 Dental Hygiene Developmental Clinic (1) (RPT 2)**

*Open to students enrolled in Dental Hygiene.*

Discussions and exercises presented will center on case reasoning for Clinical Dental Hygiene care. Accumulated theoretical knowledge will be related to practical clinical applications.

**90 Special Projects in Dental Hygiene (2) NDA (P/NP)**

*Prerequisite: Permission of the instructor. Open to enrolled Dental Hygiene students or graduates of an approved Dental Hygiene program.*

This course allows Dental Hygiene students and graduates to pursue Special Projects in Dental Hygiene on a contract basis under the direction of a supervising instructor.

**91 Special Projects in Dental Hygiene (4) NDA (P/NP)**

*Prerequisite: Permission of the instructor. Open to enrolled Dental Hygiene students or graduates of an approved Dental Hygiene program.*

This course allows Dental Hygiene students and graduates to pursue Special Projects in Dental Hygiene on a contract basis under the direction of a supervising instructor.

**92 Special Projects in Dental Hygiene (6) NDA (P/NP)**

*Prerequisite: Permission of the instructor. Open to enrolled Dental Hygiene students or graduates of an approved Dental Hygiene program.*

This course allows Dental Hygiene students and graduates to pursue Special Projects in Dental Hygiene on a contract basis under the direction of a supervising instructor.

**96 Special Projects in Dental Hygiene - Laboratory (.5) NDA (P/NP)**

*Prerequisite: Permission of the instructor. Open to enrolled Dental Hygiene students or graduates of an approved Dental Hygiene program.*

This course allows Dental Hygiene students and graduates to pursue Special Projects in Dental Hygiene on a contract basis under the direction of a supervising instructor.

**97 Special Projects in Dental Hygiene (1) NDA (P/NP) (RPT 3)**

*Prerequisite: Permission of the instructor. Open to enrolled Dental Hygiene students or graduates of an approved Dental Hygiene program.*

This course allows Dental Hygiene students and graduates to pursue Special Projects in Dental Hygiene on a contract basis under the direction of a supervising instructor.

**100 Principles of Clinical Dental Hygiene (2)**

*Open to enrolled students in Dental Hygiene. (First Semester)*

This course will provide beginning Dental Hygiene students with the scientific knowledge and understanding of the basic principles of dental techniques and procedures for applying comprehensive dental hygiene services.

**101 Clinical Dental Hygiene (2)**

*Open to enrolled students in Dental Hygiene. (First Semester)*

This pre-clinical dental hygiene services course is designed to develop the skills and techniques required for performing dental hygiene services, and to orient the student to the role of the clinical dental hygienist.

### **102 Radiology I - Introduction to Radiology (1)**

*Open to enrolled students in Dental Hygiene. (First Semester)*

This course presents a study of the principals and techniques of exposing and processing dental radiographs. Emphasis is placed on radiation safety and protection.

### **103 Radiology I - Laboratory (1)**

*Open to enrolled students in Dental Hygiene. (First Semester)*

This laboratory course is designed to provide experience in exposing, processing, mounting, charting and interpreting dental radiographs.

### **104 Dental Morphology (2)**

*Open to enrolled students in Dental Hygiene. (First Semester)*

Through lecture and demonstration, the morphological characteristics and development of the teeth and oral structures are presented. Emphasis is on comparative crown and root anatomy.

### **105 General Pathology (2)**

*Open to enrolled students in Dental Hygiene. (First Semester)*

This lecture course focuses on the basic pathologic mechanisms in human disease. Major diseases and disorders encountered in practice are discussed, with emphasis on the clinical aspects of the diseases.

### **106 Anatomy of the Head and Neck (2)** (Same as Biology 106)

*Open to enrolled students in Dental Hygiene. (First Semester)*

A detailed study of the anatomy of the human head, neck, face and jaw is presented through lecture and demonstration.

### **108 Introduction to Periodontics (2)**

*Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)*

This course is designed to provide the Dental Hygiene student with an introduction to periodontics. Etiology, prevention, diagnosis and Phase I therapy will be discussed histologically and clinically.

### **109 Infection Control in Dentistry (1)**

*Open to enrolled students in Dental Hygiene. (First Semester)*

This course is designed to provide the dental health care worker with the principles and practical application concepts of infection control in dentistry. Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA), Center for Disease Control (CDC) and other governmental agency standards will be presented and discussed.

### **150 Preventive Dentistry (2)**

*Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (First Semester)*

This course provides the fundamentals for the clinical application of primary preventive dentistry procedures. Content centers on the strategies to prevent plaque diseases and the skills required for effective patient education and motivation.

### **151 Clinical Dental Hygiene II (3) (P/NP)**

*Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)*

At the clinic rotation sites, students apply knowledge and basic clinical skills learned in DH 101 and other related classes toward competency in performing dental hygiene services. Emphasis will be on the periodontal maintenance and recall patient and the patient with mild to moderate active periodontal involvement

### **152 Special Patient Care (1)**

*Open to enrolled students in Dental Hygiene (Second Semester)*

The role of dental hygienist in the care of the special dental patient is the focus of this lecture course. The determining factors and treatment considerations for medically, physically and emotionally handicapped patients will be explored.

### **153 Radiology II - Interpretation (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)*

The clinical discipline of radiographic interpretation of oral and maxillofacial disease is presented for the dental hygienist. Techniques in extra-oral and specialized radiography are discussed.

### **154 Oral Pathology (2)**

*Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)*

The interpretation of pathological conditions is presented with emphasis on clinical signs and symptoms. Oral abnormalities are presented through the use of case histories.

### **155 Dental Materials (2)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)*

The purpose of this course is to study the properties, composition and manipulation of materials used in dentistry. The study of dental materials enables the dental hygienist to understand the behavior of these materials, and provides a scientific rationale for selecting, using and understanding the varied relationships of dental bio materials.

### **156 Histology and Embryology of Oral Tissues (2)**

(Same as Biology 156)

*Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)*

Through lecture and demonstration, the histological structure of oral tissues is presented.

### **160 Clinical Dental Hygiene II B (2) (P/NP)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Summer)*

Students will apply knowledge and basic clinical skills learned in DH 101 and DH 151 and other related classes toward proficiency in performing dental hygiene services. Emphasis will be on supportive periodontal treatment for the patient with mild-to-moderate, active periodontal involvement.

**200 Cariology and Occlusion (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)*

This course provides understanding, recognition and proper treatment of cariology and occlusion. Lectures and discussions cover the aspects of temporomandibular dysfunction, dental caries, dental desensitization and traumatic injuries to the teeth.

**201 Clinical Dental Hygiene III (4) (P/NP)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental hygiene courses attempted with a grade of "C" or better. (Third Semester)*

In a clinical setting, students apply specific knowledge and skills learned in pre-clinical and didactic courses. Emphasis will be on treating the patient with moderate periodontal involvement. Rotating assignments into dental specialty clinics at UCLA provide the opportunity to learn of the role of the dental hygienist in these areas.

**203 Expanded Functions - Laboratory (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)*

This laboratory course is designed to provide experience in selected functions and manipulations of various dental materials, with emphasis on the role of the dental hygienist as a member of the team. Procedures include: placement and removal of rubber dams, sizing of stainless steel crowns, sizing, placement and removal of temporary crowns and restorations, mouth-guard construction, placement and removal of anterior and posterior matrices, finishing of amalgam restorations, intra-oral photographs, placement of pit fissure sealants, placement and removal of periodontal dressings, placement and removal of sutures, vitality testing, placement of temporary wire ligations, and taking amalgam impressions.

**204 Dental Health Education (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)*

This course in dental health education is designed to orient Dental Hygiene students in the role of dental health educator. The course focuses on the concepts of school program planning, development of evaluation mechanisms, and coordinating efforts with educational and community systems in teaching elementary and preschool-aged children and those with special handicaps.

**205 Dental Health Education - Practicum (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)*

This practicum course to Dental Health Education (DH 204) is designed to provide the Dental Hygiene student with experiences in dental health education.

**206 Periodontics (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)*

Lectures on anatomy, histology and pathology of the periodontium are correlated with the clinical aspects of periodontal disease and the various therapeutic measures currently in use. Rationale and procedures for gingival curettage will be discussed.

**207 Pain Control (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)*

Management of pain control through the use of local anesthetics and nitrous oxide and oxygen sedation is studied through lectures and laboratory exercises.

**208 Pharmacology (3)**

*Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)*

This course presents the general principles of pharmacology, including the pharmacodynamics, pharmacokinetic adverse reactions, and contraindications of drugs. Emphasis will be placed on those drug groups especially relevant to dental practice including the general anesthetics, local anesthetics, sedatives, analgesics, antiseptics, autonomic drugs, anti-inflammatory drugs and antibiotics.

**209 Pain Control Laboratory (1)**

This laboratory course is designed to provide experience in administering local anesthesia and nitrous oxide-oxygen sedation.

**210 Emergencies in Dental Practice (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)*

This course is designed to provide the student with the background and skill to recognize and manage any medical emergency situation. Emphasis will be placed on prevention, prompt recognition, and effective treatment of life threatening emergency situations that can occur in the practice of dentistry.

**250 Advanced Periodontal Seminar (1)**

*Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)*

This course is designed to provide the dental hygienist with an advanced understanding of periodontics. The development of a periodontal treatment philosophy will be accomplished through reading in the classical and current literature. Emphasis will be placed on nuances of periodontal care, controversies and state of the art understanding developed through the reading of scientific literature.

**251 Clinical Dental Hygiene IV (5) (P/NP)**

*Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)*

In a clinical setting, students apply specific knowledge/skills learned in clinical/didactic courses. Emphasis will be on treating the patient with moderate to-advanced active periodontal involvement. Clinical experiences at higher levels of skill are required to prepare the student for licensure. Rotating assignments into dental specialty clinics at UCLA provide the opportunity to learn of the role of the dental hygienist in these areas.

**252 Essentials of Dental Hygiene Practice (2)**

*Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)*

Lecture, discussion and group activities will focus on the legal, ethical and managerial aspects of dental hygiene practice.

### 253 Community Dental Health (1)

*Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)*

This course is a study of the concepts and methods of preventive dentistry as they relate to the oral health of groups. Issues central to community dental health such as access to care, supply and demand, quality assurance, health financing, and recognition of abuse as it is described in health policies are discussed.

### 254 Community Dental Health - Practicum (1)

*Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)*

The purpose of this practicum is to provide experiences in program planning and implementation at various governmental and voluntary community agencies.

### 256 Biochemical Nutrition (3)

*Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)*

The relationship of diet and nutrition to various diseases such as periodontal disease, cancer, diabetes, and obesity will be considered, as will the nutritional considerations of patients with special needs. Each major nutrient group will be covered along with its biological role.

### 260 Research Design and Methodology (1) (RPT 1)

This course is designed to introduce the student to how research projects are designed, undertaken, and evaluated utilizing quantitative and qualitative methodologies. In addition, students will learn to analyze and evaluate scientific literature in health-related areas.

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## EARTH SCIENCE

(Also see Environmental Science, Geography, and Oceanography)

### 1 Earth Science (3) UC:CSU

This course provides a broad-based, integrated introduction to the geosciences. The course content includes a survey of topics from geology, geography, oceanography, meteorology, and astronomy. This course is designed to fulfill a natural science requirement.

### 2 Earth Science Laboratory (2) UC:CSU

Earth Science 2 is an introductory-level laboratory course designed to examine many of the basic principles of geology, meteorology, oceanography, and astronomy. It gives students hands-on experience with Earth materials, skills to gather scientific data, and critical thinking to solve problems.

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## ECONOMICS

### 1 Principles of Economics I (3) UC:CSU

This introductory microeconomics course provides students with an understanding of the basic economic principles and forces which govern the production and distribution of goods and services. Topics include forms of business organization, the role of government in the economic system, value and price in a free-enterprise system, labor/management relations, and contemporary economic developments.

### 2 Principles of Economics II (3) UC:CSU

*Note: Economics 1 is not a prerequisite for Economics 2.*

This is an introductory course in the principles of macroeconomics. Topics considered include: the national income, business fluctuations, the financial system, public finance, international economics, and the application of economic principles to contemporary economic developments.

### 10 Economic History of the United States (3) UC:CSU

Emphasizes the causes of growth in the American economy and how the economy today continues to be influenced by events from the past. Considers the causes of the American Revolution: how changes in institutions and British attitudes contributed to the revolution. Analyzes how Southern plantation agriculture, slavery, and westward expansion culminate in the Civil War. Traces the increasing role of government in the economy starting with the Industrial Revolution, the price controls of World War I, the Great Depression, and the New Deal. Speculates on the future of the U.S. economy.

### 11 Economics of Globalization (3) UC:CSU

This course examines the phenomenon of globalization using economic analysis to explore controversial themes of the globalization debate such as off shoring, sweatshops, environmental standards, intellectual property protection, cultural diversity, economic development, and immigration.

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## EDUCATION

### 1 Introduction to Teaching (3) CSU

This course introduces students to the field of professional education and teaching as a career. Students are assigned to schools to observe current teaching practices and trends, and to assist a master teacher in the operation of a modern classroom.

### 6 Methods and Materials of Tutoring (1) NDA

Students preparing to be peer tutors will learn strategies for teaching grammar and the mechanics and organization necessary for the writing process.

### 210 Easy to Use Distance Education Software - Next Generation (ETUDES-NG) Instructor Certification (2)

This course covers the basic tools and features of ETUDES-NG, the learning management system used by WLAC and many other colleges. This course prepares students to teach using the ETUDES-NG system. As a hands-on learning experience, this course provides a step-by-step path towards mastering the systems tools which support online teaching and learning.