

DNCE 216 Advanced Dance Technique (1,1.5)
 2 or 3 hours lecture/laboratory
Prerequisite: DNCE 215
Note: May be taken 4 times
Transfer acceptability: CSU; UC
 Advanced level dance technique in commercial dance stylizations and rhythms.

DNCE 297 Experimental Projects in Dance (.5,1,1.5,2,3)
 1, 2, 3, 4, or 6 hours lecture/laboratory
Prerequisite: Enrollment subject to project approval
Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.
 Advanced dance projects including individual research, tutoring, and performance for college classes and community projects.

Dental Assisting (DA)

Contact the Dental Assisting Program for further information, (760) 744-1150, ext. 2571.

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

PROGRAM OF STUDY

The Dental Assisting Program is accredited by the Commission on Dental Accreditation of the American Dental Association, and is approved by the Dental Board of California.

Certification and Licensing. Upon successful program completion, student will be issued a Certificate of Proficiency in Dental Radiography issued by Palomar College. Students who successfully complete the program are eligible to apply for the California Registered Dental Assistant Examination to become licensed as a California Registered Dental Assistant (RDA) with a Coronal Polishing Certificate; and are eligible to apply for the nationally recognized Certified Dental Assistant Examination offered by the Dental Assisting National Board, Incorporated (DANB).

ADMISSION REQUIREMENTS

Admission to the Dental Assisting Program is by special application. To be eligible for admission, applicants must:

1. Complete Palomar College Application for Admission;
2. Attend a Dental Assisting orientation meeting;
3. Submit proof of high school graduation or equivalency;
4. Admit medical and dental clearances including TB test results; and
5. Meet academic requirements as specified in the Dental Assisting Program brochure.

Dental assistants need to have good vision, hearing, and the ability to communicate orally. In addition, they must have the ability to comprehend and interpret written information; and the dexterity to use small dental instruments.

Dental Assisting (Registered Dental Assistant)

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

To remain enrolled in the program, students must earn a minimum grade of 'C' (2.0) in each of the required courses. Students must pass laboratory and clinical evaluations at 75% competency or a substandard grade will be assigned for the course. A student may fail a dental assisting course on the basis of clinical practice even though theory grades may be passing.

Program Requirements		Units
DA 50	Introduction to Dental Sciences/Occupations	3
BUS 125 or	Business English	
ENG 50 or	Introductory Composition	

ENG 100	English Composition	3,4
SPCH	Any course (except 145, 150, and 197)	3
EME 55 or	CPR for Health Care Providers	
Proof of current BLS for Healthcare Providers Certificate		0,5

First Semester

DA 57	Dental Sciences and Anatomy	4
DA 60	Dental Materials	3
DA 65	Dental Practice Management	2
DA 70	Dental Radiography I	2.5
DA 75	Dental Operative Procedures	5
DA 80	Coronal Polishing	1

Second Semester

DA 71	Dental Radiography II	.5
DA 81	Clinical Coronal Polishing	.5
DA 85	Advanced Dental Procedures	4
DA 90	Clinical Rotation	6.5

TOTAL UNITS

38 - 39.5

COURSE OFFERINGS

Courses numbered under 50 are non-degree courses.
 Courses numbered under 100 are not intended for transfer credit.

DA 47 Dental Assisting Topics (.5-4)
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

Note: Credit/No Credit grading only; may be taken 4 times
 Topics in Dental Assisting. See Class Schedule for specific topic offered. Course title will designate subject covered.

DA 50 Introduction to Dental Sciences and Dental Occupations (3)
 3 hours lecture

Note: Graded only
 General orientation to dental assisting. Introduction to basic oral anatomy, oral hygiene techniques and prevention, human behavior, dental nomenclature, dental assisting, history of dentistry, ethics, role of the dental assistant and other auxiliary personnel; licensing and certification of dental assistants; dental jurisprudence and malpractice; psychology and observation in dental offices.

DA 57 Dental Sciences and Anatomy (4)
 4 hours lecture

Prerequisite: Admission to the Dental Assisting Program
Note: Graded only
 Introduction of dental terminology, histology, embryology, tooth growth, eruption, and anatomy; head and neck anatomy, and physiology of the body. Form and function of individual teeth, occlusion, oral pathology, diet and nutrition, relation of oral health to general health, microbiology, disease control and dental pharmacology.

DA 60 Dental Materials (3)
 3 hours lecture-1 hour laboratory

Prerequisite: Admission to the Dental Assisting Program
Note: Graded only
 Chemical properties and uses of dental materials and solutions; manipulative techniques and methods of preparation.

DA 65 Dental Practice Management (2)
 2 hours lecture-1 hour laboratory

Prerequisite: Admission to the Dental Assisting Program
Note: Graded only
 Reception and care of the patient in the dental office, communication skills, telephone techniques, appointment scheduling, dental records (charting health and dental history), filing, recalls, bookkeeping, accounts receivable and accounts payable, purchasing inventory, principles of and use of insurance forms and collections.

DA 70 Dental Radiography I (2.5)
 2 hours lecture-1½ hours laboratory
Prerequisite: Admission to the Dental Assisting Program
Note: Graded only

Theory and technique of oral radiography, radiation hygiene, anatomical landmarks, and methods and materials for processing radiographs. The laboratory portion will provide the student with knowledge concerning film placement, cone angulation, exposing and developing radiographs, and mounting and evaluating processed films.

DA 71 Dental Radiography II (.5)
 1½ hours laboratory

Prerequisite: DA 50; DA 70; and proof of Hepatitis B Immunization; and EME 55 or current BLS for Healthcare Providers Certificate

Note: Graded only

Advanced experience regarding film placement, cone angulation, exposing and developing radiographs, mounting and evaluating films to further enhance the student's patient management skills.

DA 75 Dental Operative Procedures (5)
 3 hours lecture-6 hours laboratory

Prerequisite: Admission to the Dental Assisting Program

Note: Graded only

Applications of and introduction to preclinical dental assisting in operative and specialty dental procedures, care of equipment, instrumentation, sterilization techniques, disease transmission, charting, utilization of dental materials, dental office emergencies, and functions delegated to the California Registered Dental Assistant.

DA 80 Coronal Polishing (1)
 2 hours lecture/laboratory

Prerequisite: Admission to the Dental Assisting Program

Note: Graded only

Identification of dental plaque, other soft deposits, tooth stains, discolorations, periodontics, and deposit retention factors. Polishing procedures: Polishing agents, prophylaxis angle, attachments, and technique.

DA 81 Clinical Coronal Polishing (.5)
 1½ hours laboratory

Prerequisite: DA 50; DA 80; proof of Hepatitis B Immunization; and EME 55 or current BLS for Healthcare Providers Certificate

Note: Graded only; may be taken 2 times

Application of concepts and skills from pre-clinical DA 80. Emphasis is on the coronal polishing procedure as applied to clinical patients.

DA 85 Advanced Dental Procedures (4)
 2 hours lecture-6 hours laboratory

Prerequisite: DA 50; DA 60; and DA 75; proof of Hepatitis B Immunization; and EME 55 or current BLS for Healthcare Providers Certificate

Note: Graded only

Advanced laboratory and clinical experience focusing on basic skills previously learned. Emphasis is placed on 1) clinical use of impression materials for obtaining study models, 2) pouring and trimming plaster and stone models, 3) fabrication of custom trays for preliminary impressions, 4) fabrication of provisional restorations, and 5) advanced prosthodontic and orthodontic instruction.

DA 90 Clinical Rotation (6.5)
 19½ hours laboratory/clinical

Prerequisite: DA 50; DA 75; proof of Hepatitis B Immunization; and EME 55 or current BLS for Healthcare Providers Certificate

Note: Credit/No Credit only

An intensive program of practical dental experiences, working with patients and staff at the Camp Pendleton Naval Dental Clinic and/or private dental offices. Students will assist the dentists in specialized and operative procedures and duties delegated to the California licensed Registered Dental Assistant.

DA 97 Dental Assisting Topics (.5-4)

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

Note: Credit/No Credit only; may be taken 4 times

Topics in Dental Assisting. See Class Schedule for specific topic offered. Course title will designate subject covered.

Diesel Mechanics Technology (DMT)

Contact the Trade and Industry Department for further information, (760) 744-1150, ext. 2545

Associate in Arts degree requirements, Certificate of Achievement requirements, and Certificate of Proficiency requirements are listed in Section 6 (green pages) of the catalog.

PROGRAM OF STUDY

Diesel Technology

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
AT 105 Automotive Electricity	2
AT 160 Associated Studies in Automotives	3
AT 197 Topics in Automotive	3
DMT/R DMT 50 Introduction to Diesel Mechanics	3
DMT/R DMT 55 Heavy-Duty Diesel Tune-Up/Analysis	3
DMT/R DMT 61 Diesel Engine Rebuilding I	3
DMT/R DMT 62 Diesel Engine Rebuilding II	3
DMT/R DMT 65 Air Brake Systems	3
DMT/R DMT 66 Truck Transmission and Drive Lines	3
IT 100 Technical Mathematics	3
Electives (Select 6 units)	
AT 125 Automotive Machining	3
DMT 54 Heavy-Duty Electricity	3
DMT 56 Alternative Fuels	3
DMT/R DMT 70 Med-Duty Diesel Engine Tune-up	3
DMT 81 Basic Hydraulics	3
DMT 96 Special Problems in Diesel Technology	.5-3
DMT/R DMT 97 Diesel Mechanics Tech Workshop	.5-3
WELD 100 Welding I	3
CE 100 Cooperative Education	1,2,3,4
TOTAL UNITS	35

The Diesel Technology A.A. Degree Major or Certificate of Achievement is also listed in ROP Diesel Mechanics Technology.

COURSE OFFERINGS

Courses numbered under 100 are not intended for transfer credit.

DMT 50 Introduction to Diesel Mechanics (3)
 6 hours lecture/laboratory

Note: Cross listed as R DMT 50

Theory and practice of fundamental skills for the maintenance and operation of basic diesel engines. Topics for study include: basic theory of operation; engine applications; engine lubricating and cooling; intake, exhaust and fuel systems; and electronic control.

DMT 54 Heavy-Duty Electricity (3)
 6 hours lecture/laboratory

Note: May be taken 2 times

Heavy-duty electricity systems principles and service. Topics of study include electrical theory, batteries, wiring diagrams, 12V and 24V starters, alternators and electrical troubleshooting, and test equipment.

DMT 55 Heavy-Duty Diesel Tune Up and Engine Analysis (3)
 2 hours lecture-4 hours laboratory

Prerequisite: DMT/R DMT 50