

DNCE 296 Independent Projects in Dance (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)

½, 1, 1½, 2, 2½, 3, 3½, or 4 hours lecture

Note: May be taken 4 times**Transfer acceptability:** CSU; UC (pending) – Credit determined by UC upon review of course syllabus.

Fostering creative research and independent study projects in dance.

DNCE 297 Experimental Projects in Dance (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)

½, 1, 1½, 2, 2½, 3, 3½, or 4 hours lecture

Prerequisite: Enrollment subject to project approval**Note:** May be taken 4 times**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.

Database

See CSIS - Database

Dental Assisting (DA)

Contact the Dental Assisting Program for further information.

(760) 744-1150, ext. 2571

Office: HS-107

Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

- Dental Assisting (Registered Dental Assistant)

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Dental Assisting (Registered Dental Assistant)

PROGRAM OF STUDY

The Registered 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 Certificates in Dental Radiography, Coronal Polishing, Pit and Fissure Sealants, California Practice Act and Infection Control. Students who successfully complete the program are eligible to take the California Registered Dental Assistant Examination to become licensed as a California Registered Dental Assistant (RDA); and are eligible to take the nationally recognized Certified Dental Assistant (CDA) Examination offered by the Dental Assisting National Board (DANB).

ADMISSION REQUIREMENTS

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

1. Complete Palomar College Application for Admission;
2. Attend a Registered Dental Assisting Program orientation meeting;
3. Show proof of high school graduation or equivalent by submitting official transcripts, or proof of a passing score on the General Education Development test (GED);
4. Take a Palomar College English Assessment Test and be eligible for English 50 or 100 or ESL 103 or demonstrate completion of a similar, equivalent college English course(s);
5. Submit medical, vision and dental clearances including Hepatitis B series and TB test results;
6. Meet academic requirements as specified on the Registered Dental Assisting Program website and Palomar College Catalog;
7. Show proof of a valid Social Security number.
8. Have a minimum GPA of 2.0.
9. Be a minimum age of 18 years.

Dental Assistants must 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.

Registered Dental Assisting**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.

The Dental Assisting program must be completed within two years or the student may need to repeat all required Dental Assisting courses. Contact the department for more information. **NOTE:** For course repetition purposes, federal financial aid would not be available to students who have already attempted and/or completed required Dental Assisting courses.

Program Requirements		Units
DA 50	Introduction to Dental Sciences and Dental Occupations	3
ENG 50	Introductory Composition	4
	or	
ENG 100	English Composition	4
	or	
ESL 103	Written Communication III	5
	Proof of current BLS for Healthcare Providers Certificate	0

First Semester

DA 57	Dental Sciences and Anatomy	3
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 82	Preventive Dentistry I	1.5

Second Semester

DA 71	Dental Radiography II	.5
DA 83	Preventive Dentistry II	.5
DA 85	Advanced Dental Procedures	5
DA 90	Clinical Rotation	6

TOTAL UNITS **36 - 37**

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 and/or laboratory may be scheduled by the department. Refer to Class Schedule.

Note: Pass/No Pass grading only; may be taken 4 times

Non-degree Applicable

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; California Dental Practice Act, psychology and observation in dental offices.

DA 57 Dental Sciences and Anatomy (3)

3 hours lecture

Prerequisite: Admission to the Registered 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 Registered 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 Registered Dental Assisting Program**Note:** Graded only

Reception and care of the patient in the dental office, communication skills, telephone techniques, appointment scheduling, dental computer software, dental records (charting health and dental history), filing, bookkeeping, accounts receivable and accounts payable, inventory management, principles of and use of insurance forms and collections.

DA 70 Dental Radiography I (2.5)

2 hours lecture - 2 hours laboratory

Prerequisite: Admission to the Registered Dental Assisting Program**Note:** Graded only

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

DA 71 Dental Radiography II (5)

1 1/2 hours laboratory

Prerequisite: A minimum grade of 'C' in DA 50 and 70, and proof of Hepatitis B Immunization; and current BLS for Healthcare Providers Certificate**Note:** Graded only

Advanced clinical experience regarding film and digital sensor placement, cone angulation, exposing and developing radiographs, mounting and evaluating radiographs.

DA 75 Dental Operative Procedures (5)

3 hours lecture - 6 hours laboratory

Prerequisite: Admission to the Registered Dental Assisting Program**Note:** Graded only

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

DA 82 Preventive Dentistry I (1.5)

1 hour lecture - 1 1/2 hours laboratory

Prerequisite: Admission to the Registered Dental Assisting Program**Note:** Graded Only

This course teaches laboratory and clinical applications of coronal polishing, periodontics, preventive dentistry and placement of pit and fissure sealants.

DA 83 Preventive Dentistry II (5)

2 hours laboratory

Prerequisite: A minimum grade of 'C' in DA 50, DA 82, proof of Hepatitis B Immunization, and current BLS for Healthcare Providers Certificate**Note:** Pass/No Pass grading only

Application of concepts and skills from DA 82. Emphasis is on the coronal polishing procedure and pit and fissure sealants as applied to clinical patients.

DA 85 Advanced Dental Procedures (5)

3 hours lecture - 6 hours laboratory

Prerequisite: A minimum grade of 'C' in DA 50, 60 and 75, and proof of Hepatitis B Immunization; and 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, 4) fabrication of provisional restorations, and 5) advanced prosthodontic and orthodontic instruction.

DA 90 Clinical Rotation (6)

19 hours laboratory/clinical

Prerequisite: A minimum grade of 'C' in DA 50 and 75, and proof of Hepatitis B Immunization; and current BLS for Healthcare Providers Certificate**Note:** Pass/No Pass only

An intensive program of clinical dental experiences, working with patients and staff at clinics 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 and/or laboratory may be scheduled by the department. Refer to Class Schedule.

Note: Pass/No Pass 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

Office: T-1

Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

• Diesel Technology

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

• Diesel Technology

PROGRAM OF STUDY**Diesel Technology**

The Diesel Technology program at Palomar College gives the student an opportunity to gain the skills and knowledge needed for success in the challenging field of Diesel Technology, learning about servicing and maintaining diesel powered highway trucks, off-road heavy equipment, and stationary engines. The two-year program which leads to a Certificate of Achievement can also be applied towards an Associate in Arts Degree in Diesel Technology.

**A.A. DEGREE MAJOR OR
CERTIFICATE OF ACHIEVEMENT**

Program Requirements	Units
AT 160 Associated Studies in Automotives	3
AT 197 Topics in Automotive	3
DMT 50 Introduction to Diesel Mechanics	4
DMT 54 Heavy-Duty Electricity	4
DMT 55 Heavy-Duty Diesel Tune-Up/Analysis	4
DMT 61 Diesel Engine Rebuilding I	4
DMT 62 Diesel Engine Rebuilding II	4
DMT 65 Air Brake Systems	4
DMT 66 Truck Transmission and Drive Lines	4
IT/WELD 108 Technical Mathematics	3