

**DNCE 271 Classical Ballet Production (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)**

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

**Limitation on enrollment:** Enrollment subject to audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance concerts, outreach and special events.

**DNCE 272 Contemporary Ballet Production (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)**

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

**Limitation on enrollment:** Enrollment subject to audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance concerts, outreach, and special events.

**DNCE 273 Modern Dance Production (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)**

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

**Recommended preparation:** Concurrent enrollment in DNCE 111 or 205**Limitation on enrollment:** Enrollment subject to audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance concerts, outreach and special events.

**DNCE 274 Contemporary Modern Production (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)**

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

**Limitation on enrollment:** Enrollment subject to audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance concerts, outreach, and special events.

**DNCE 275 Modern Fusion Production (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)**

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

**Limitation on enrollment:** Enrollment subject to audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance concerts, outreach, and special events.

**DNCE 276 Dance Production (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)**

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

**Limitation on enrollment:** Enrollment subject to audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and production for dance concerts, outreach and special events.

**DNCE 277 Jazz Production (.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 audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance concerts, outreach, and special events.

**DNCE 278 Modern Jazz Production (.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 audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance performance, outreach, and special events.

**DNCE 279 Tap Production (.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 audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance concerts, outreach and special events.

**DNCE 280 Student Choreography Production (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6)**

½, 1, 1½, 2, 2½, 3, 3½, 4, 4½, 5, 5½, or 6 hours lecture - 1½, 2, or 3 hours laboratory

**Corequisite:** DNCE 145 or 146**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Rehearsal and performance for dance concerts.

**DNCE 281 Summer Dance Workshop (.5, 1, 1.5, 2, 2.5, 3, 3.5, 4)**

½, 1, 1½, 2, 2½, 3, 3½, or 4 hours lecture - 1½, 2, 3, 4, 5, or 6 hours laboratory

**Limitation on enrollment:** Enrollment subject to audition**Note:** May be taken 4 times**Transfer acceptability:** CSU; UC

Concentrated work in a variety of dance genres. Specific content is composed of various dance styles, techniques and rehearsal/performance opportunities.

**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

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 - Information Technology

**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
<b>First Semester</b>		
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
<b>Second Semester</b>		
DA 71	Dental Radiography II	.5
DA 83	Preventive Dentistry II	.5
DA 85	Advanced Dental Procedures	5
DA 90	Clinical Rotation	6
<b>TOTAL UNITS</b>		<b>36 - 37</b>

### 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

**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)

1½ 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
<b>Electives (Select 6 units)</b>		
AT 105	Automotive Electricity	3
AT 125	Automotive Machining	3
DMT 56	Alternative Fuels	4
DMT 70	Med-Duty Diesel Engine Tune-Up	4
DMT 81	Basic Hydraulics	4
DMT 96	Special Problems in Diesel Technology	.5 - 3
DMT 97	Diesel Mechanics Tech Workshop	.5 - 3
WELD 100	Welding I	3
CE 100	Cooperative Education	1, 2, 3, 4
<b>TOTAL UNITS</b>		<b>43</b>

**COURSE OFFERINGS**

Courses numbered under 100 are not intended for transfer credit.

**DMT 50 Introduction to Diesel Mechanics (4)**

3 hours lecture - 3 hours laboratory

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 (4)**

3 hours lecture - 3 hours 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 (4)**

3 hours lecture - 3 hours laboratory

**Prerequisite:** A minimum grade of 'C' in DMT 50**Note:** May be taken 2 times

The use of software and diagnostic equipment in performing diesel tune-up. Topics include: theory of operation, tune-up procedures, fuel system function and repair, diagnostic equipment usage, electronic engine controls, mechanical and electronic engine system troubleshooting.

**DMT 56 Alternative Fuels (4)**

3 hours lecture - 3 hours laboratory

**Recommended preparation:** DMT 50

Theory and servicing of alternative fueled engines. Topics for study include various types of fuels, fuel handling and safety procedures, basic principles, regulators and mixers, all system components operation and service, electronic control systems, and emission testing.

**DMT 61 Diesel Engine Rebuilding I (4)**

3 hours lecture - 3 hours laboratory

**Recommended preparation:** DMT 50**Note:** May be taken 2 times

Theory and practice in rebuilding diesel engines. Topics for study include disassembly, cleaning, inspection, and analysis of engine parts. Also included are cylinder head service, sleeve and piston service, advanced machining and measuring techniques.