DNCE 197E Ballet Dance Production (1,1.5)
2 or 3 hours lecture/laboratory
Prerequisite: Enrollment subject to audition
Recommended preparation: Concurrent enrollment in DNCE 210
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Rehearsal and performance for dance concerts.

DNCE 197F Rehearsal and Performance (.5,1,1.5,2,3)
1, 2, 3, 4, or 6 hours lecture/laboratory
Prerequisite: Enrollment subject to audition
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Participation in dance rehearsal and performance.

DNCE 197H Topics in Dance (.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: May be taken 4 times
Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.
Topics in Dance. See Class Schedule for specific topic offered. Course title will designate subject covered.

DNCE 197J Tap Dance Production (1,1.5)
2 or 3 hours lecture/laboratory
Prerequisite: Enrollment subject to audition
Recommended preparation: Concurrent enrollment in DNCE 131 or 132
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Rehearsal and performance for dance concerts.

DNCE 197K Student Choreography Production (1.5,2,2.5,3)
3, 4, 5, or 6 hours lecture/laboratory
Corequisite: DNCE 145 or 146
Note: May be taken 4 times
Transfer acceptability: CSU; UC
Rehearsal and performance for dance concerts.

DNCE 205 Modern Dance III (1,1.5)
2 or 3 hours lecture/laboratory
Prerequisite: DNCE 111
Note: May be taken 4 times; maximum of 4 completions in any combination of DNCE 110, DNCE 111, DNCE 205
Transfer acceptability: CSU; UC
Advanced dance technique with emphasis on performance skills.

DNCE 206 Advanced Movement Patterns (1,1.5)
2 or 3 hours lecture/laboratory
Prerequisite: DNCE 205
Transfer acceptability: CSU; UC
Advanced level dance technique in experimental dance forms.

DNCE 210 Ballet II (1.5,2.5)
hours lecture/laboratory
Prerequisite: DNCE 116
Note: May be taken 4 times; maximum of 4 completions in any combination of DNCE 115, DNCE 116, DNCE 210
Transfer acceptability: CSU; UC
Ballet techniques, principles, and terminology at the intermediate level with emphasis on line, phrasing, endurance, and progressively difficult steps and combinations.

DNCE 211 Pointe/Pas de Deux (.5,1,1.5,2,2.5,3)
1, 2, 3, 4, 5, or 6 hours lecture/laboratory
Prerequisite: DNCE 210
Note: May be taken 3 times
Transfer acceptability: CSU; UC
Intermediate pointe and partnering techniques in classical dance.

DNCE 215 Jazz Technique III (1,1.5)
2 or 3 hours lecture/laboratory
Prerequisite: DNCE 121
Note: Maximum of 4 completions in any combination of DNCE 120, DNCE 121, DNCE 215
Transfer acceptability: CSU; UC
Advanced jazz movement and floor progressions.

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.

Database

See CSIS - Database

Dental Assisting (DA)

Contact the Dental Assisting Program for further information.
(760) 744-1150, ext. 2571
Office: S-9B

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 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. 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 eligiible for English 50, or demonstrate completion of a similar, equivalent college English course(s);
5. Submit medical and dental clearances including TB test results;
6. Meet academic requirements as specified in the Dental Assisting Program brochure;
7. Show proof of a valid Social Security number.

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 all 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
ENG 50 or	Introductory Composition	4
ENG 100 or	English Composition	4
ESL 103	Written Communication III	5
Proof of current BLS for Healthcare Providers Certificate		0
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 82	Preventive Dentistry I	1
Second Semester		
DA 71	Dental Radiography II	.5
DA 83	Preventitive Dentistry II	.5
DA 85	Advanced Dental Procedures	4
DA 90	Clinical Rotation	6.5
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, 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 and 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 82 Preventive Dentistry I (1)
1 hour lecture-1 hour laboratory
Prerequisite: Admission to the 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: DA 50, DA 82, proof of Hepatitis B Immunization, and current BLS for Healthcare providers Certificate
Note: Credit/No Credit 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 (4)
2 hours lecture-6 hours laboratory
Prerequisite: DA 50 , 60 and 75, and 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 and 75, and 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
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

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
Note: Cross listed as R DMT 55; 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 (3)
6 hours lecture/laboratory
Recommended preparation: DMT/R 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 (3)
6 hours lecture/laboratory
Recommended preparation: DMT/R DMT 50
Note: Cross listed as R DMT 61; 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.

DMT 62 Diesel Engine Rebuilding II (3)
6 hours lecture/laboratory
Recommended preparation: DMT/R DMT 61
Note: Cross listed as R DMT 62
Theory and practice in rebuilding diesel engines. Topics for study include final cleaning, inspection and reassembly of engine parts. Also included are assembly measuring, torque procedures and torque-turn methods used on engine assembly, and engine testing upon completion of assembly.

DMT 65 Air Brake Systems (3)
2 hours lecture-3 hours laboratory
Note: Cross listed as R DMT 65
The service and repair of heavy duty hydraulic and air brake systems and their components. Topics of study include brake troubleshooting, complete system repair, anti skid brake system, and related axle services.