

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

_____ Transfer Course X A.A. Degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: DA -50 Introduction to Dental Sciences and Occupations

UNIT VALUE: 3

MINIMUM NUMBER OF SEMESTER HOURS: 48

BASIC SKILLS REQUIREMENTS: Appropriate language skills

ENTRANCE REQUIREMENTS:

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

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. *Graded only.*

SPECIFIC COURSE OBJECTIVES:

Successful students will be able to:

1. Evaluate the resources at Palomar College.
2. Evaluate his/her interest in the field of dentistry as a career.
3. Identify basic dental terminology.
4. Identify the four types of teeth, describe the design and specialized functions of each type, and classify them as anterior or posterior teeth.
5. Identify basic dental anatomy.
6. Identify basic charting terms.
7. Describe the history of dentistry including the pioneers, their contributions and significant developments.
8. Describe the effect of the Amalgam War on the organized dentistry in the United States.
9. Describe the dental practices of other cultures.
10. List and describe the dental specialties.
11. Discuss the responsibilities, education and licensure certification, registration and professional organization as applicable for the dentist, Dental assistant, hygienist and laboratory technician.
12. Identify the following: ADA, ADAA, CDA, CDT, DDS, DMD, EFDA, RDA and RDH.
13. Describe the laws regulating dentistry.

14. Identify extended functions that may be assigned to licensed dental auxiliaries.
15. Identify the following: ethics; jurisprudence; State Dental Practice Act; unlicensed practice of dentistry; respondent superior; res gestae; malpractice; consent and "reasonable skill, care and judgment."
16. Identify the need for preventive dentistry.
17. Describe pellicle, plaque, materia alba and food.
18. Demonstrate techniques of tooth brushing and dental flossing.
19. Identify the terms psychotic, neurotic and normal behavior.
20. Evaluate the need to understand patient behavior in terms of: cultural diversity, fear, factors affecting behavior, emotional elements and patient responses.
21. Identify the following stress coping mechanisms: repression, rationalization, procrastination, deployment, affiliation, control of the situation and rehearsal.
22. Compare and contrast verbal and non-verbal communication skills and state importance of patient management and interoffice harmony.
23. Evaluate the rights and duties involved in the patient and health care provider relationship.
24. Analyze the "standard of skill and care" with emphasis on dental health care.
25. Explain and discuss a technical assault and breach of contract.
26. Identify grounds for malpractice suits.
27. Identify components of ethical and legal acts.
28. Explain ethics and ethical codes of the ADA.
29. Evaluate the changing ethical standards currently involved with the Dental Health Care Team.
30. Discuss professionalism.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Course Introduction:
 - A. Course objectives/evaluations
 - B. General orientation to Palomar College
 - C. General orientation to the RDA Program
 - D. Introduction to the library and learning resources
 - E. Orientation to Campus programs
- II. General Anatomical Terms
 - A. Dentitions
 - a. Primary
 - b. Permanent
 - B. Maxilla/Mandible
 - a. Quadrants
 - C. Surfaces
 - a. Anterior
 - b. Posterior
- III. Basic Charting Terms
 1. Alphabetical
 2. Numerical
- IV. Basic Nomenclature
- V. History
 - A. Pioneers in Dentistry in the United States
 1. John Baker
 2. Paul Revere
 3. Isaac Greenwood, Sr.
 4. John Greenwood
 5. Lucy B. Hobbs Taylor

B. Developments of Dentistry in the United States

1. The Amalgam War
2. G.V. Black
3. Sir John Tomes
4. C. Edmund Kells

C. Other Important Developments

1. The Dental Engine
2. Cohesive Gold
3. Cast Gold
4. Radiography
5. Anesthesia
6. Rubber Dam

VI. The Dental Health Team

A. Members of the Dental Health Team

1. The Dentist
 - a. Education
 - b. Degree
 - c. Specialties
 1. Dental Public Health
 2. Endodontics
 3. Oral Pathology
 4. Oral and Maxillofacial Surgery
 5. Orthodontics
 6. Pediatric Dentistry
 7. Periodontics
 8. Prosthodontics
 9. General
2. The Dental Hygienist
 - a. Education
 - b. Degree
3. The Dental Assistant
 - a. Roles of the Dental Assistant
 - b. Certification vs Registered.
 - c. Extended functions for Dental Auxiliaries
 1. Direct supervision
 2. General supervision
4. The Dental Laboratory Technician
5. Other Members of the Dental Health Team
 - a. Dental Supply Sales
 - b. Dental Equipment technicians
 - c. Dental Dealers & Manufacturers
6. The Dental Team
 - a. The role of the assistant as a Team Member with:
 1. The dentist
 2. The patient
 3. Other team members
7. Ethics and Jurisprudence
 - a. Ethics
 - b. Dental jurisprudence
 - c. State Board of Dental Examiners
 - d. The unlicensed practice of dentistry

- 1. Legal recourse
- e. The duty of care
- f. Avoiding malpractice
 - 1. Silence
 - 2. Records
 - 3. Radiography
 - 4. Care of instruments
 - 5. HIPPA
- 8. Psychology
 - a. 1. Understanding the dental patient
 - 2. Infancy and childhood
 - 3. Adulthood
 - 4. Elderly Patients
 - 5. Oral surgery
 - 6. The denture patient
 - 7. Motivational factors
 - 8. Cultural bias and diversity
 - 9. Need for acceptance and respect
 - c. Behavior/Reaction to Dental Treatment
 - 1. Psychotic
 - 2. Neurotic
 - 3. Normal
 - d. Fear and Anxiety
 - 1. Dealing with emotional manifestations in the dental office
 - e. Stress
 - f. Helping The Patient and Building Trust
 - 1. Staff attitudes
 - 2. Humor
 - g. Responsive Listening
 - 1. Effective
 - 2. Non-effective
 - h. Talking with patients
 - 1. Words can hurt
 - 2. Your messages
 - 3. Giving instructions
- 9. Preventive Dentistry
 - a. How dental diseases occur.
 - 1. Pellicle
 - 2. Plaque
 - 3. Materia alba
 - 4. Food
 - b. Oral Hygiene Techniques
 - 1. Bass techniques for toothbrush
 - 2. Disclosing agents
 - 3. Flossing
 - 4. Fluoride

REQUIRED READING:

Torres, H. and A. Ehrlich. Modern Dental Assisting. 7th edition. Philadelphia: W.B. Saunders, 2003

SUGGESTED READING: Phinney, D. And Halstead. Dental Assisting – A Comprehensive Approach. United States: Delmar Thompson Learning, 2000

REQUIRED WRITING:

1. A research paper covering a selected topic of dentistry. Research will be achieved through periodicals and reference books.
2. Two separate typewritten reports including an evaluation of personal experiences during clinical observations.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short term classes.

1. Typed research paper (see required writing)
2. Two separate clinical observations are required for completion of this course. Observations in a general operative dental facility, and in a specialty (of choice) dental facility is necessary for each observation.
3. Two reports of clinical experiences

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
 laboratory
 lecture-laboratory combination
 directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
 Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
 Two-Way Video Conferencing (Two-way interactive video and audio)
 One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
 Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

Examinations	40%
Final Examinations	20%
Research Paper	10%
Observations to include:	<u>30%</u>
2 Written Reports	
2 Letters of Verification	
Total	100%

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes ____ No X Number of times course may be taken for credit: 1

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

CONTACT PERSON: Denise Rudy x2573

SIGNATURES ON FILE: