

DENTAL ASSISTANT (DA)

DA-101 Dental Radiology I

2 credits, Fall

Introduction to history and principles of dental radiology, terminology, and basic physics associated with x-rays, biological effects of x-rays, anatomical landmarks and infection control. Required: Student Petition. Required: Acceptance into Dental Assistant program
Corequisites: DA-101L

DA-101L Dental Radiology I Lab

1 credits, Fall

This course covers practical instruction in radiation health and safety, types of films, film holders, processing and mounting of dental films, use of x-ray equipment, infection control techniques, disposal of hazardous waste. Introduces the use of digital radiation. All exposure techniques performed on x-ray manikins. Required: Student Petition. Required: Acceptance into Dental Assistant program
Corequisites: DA-101

DA-102 Dental Radiology II

2 credits, Winter

Alternative radiographic techniques are discussed as students develop their knowledge in the following areas: bisecting, extra-oral radiography, techniques for children, and patients with special needs. This course provides an in-depth study of the purpose and uses of panoramic imaging, digital imaging, three-dimensional digital imaging, and occlusal examinations. Identification of radiographic interpretation and infection control procedures will also be covered. Required: Student Petition. Required: Acceptance into Dental Assistant program
Prerequisites: DA-101 with a C or better
Corequisites: DA-102L

DA-102L Dental Radiology II Lab

1 credits, Winter

Knowledge and skills in alternative radiographic techniques are taught as students demonstrate exposure techniques and corrective measures of various alternative radiographic techniques. Students meeting radiographic proficiency on the x-ray mannequin prepare for the Radiation Health and Safety (RHS) proficiency exam. Candidates for the RHS proficiency exam will follow all RHS, Dental Assisting National Board (DANB) and Oregon examination requirements in preparation of patient radiographs. Required: Student Petition. Required: Acceptance into Dental Assistant program
Prerequisites: DA-101 with a C or better
Corequisites: DA-102

DA-104 Clinical Procedures I

2 credits, Fall

Discussion in the practice of patient care including the collection of patient medical and dental histories and maintenance of accurate treatment records. Explores the history of dentistry, dental ethics, law, and HIPAA. The dental healthcare team, dental office design and the dental profession will also be discussed. Required: Student Petition. Required: Acceptance into Dental Assistant program
Corequisites: DA-104L

DA-104L Clinical Procedures I Lab

1 credits, Fall

This course prepares the student for basic chairside assisting and general procedures. Application of essential skills in seating and dismissing patients, ergonomics, taking and recording vital signs, and infection control are taught and practiced in a dental laboratory setting. Required: Student Petition. Required: Acceptance into Dental Assistant program
Corequisites: DA-104

DA-105 Clinical Procedures II

2 credits, Winter

A foundational course in preventive dentistry. Examines the study of preventive education, oral hygiene instruction, nutrition, fluoride agents, coronal polishing and sealants. The continuation of oral evacuation and isolation techniques will also be covered. Required: Student Petition. Required: Acceptance into Dental Assistant program
Prerequisites: DA-104 with a C or better
Corequisites: DA-105L

DA-105L Clinical Procedures II Lab

1 credits, Winter

Further the development of chairside skills and introduces the application of preventive procedures such as coronal polishing, fluoride treatment and oral hygiene instruction. Basic knowledge in the application of dental sealants is also taught. Lab skills such as the placement and removal of matrix retainers and rubber dams are taught to provide preparation for chairside dental assisting functions. Aseptic procedures are practiced during all lab skills. Required: Student Petition. Required: Acceptance into Dental Assistant program
Prerequisites: DA-104L with a C or better
Corequisites: DA-105

DA-106 Clinical Procedures III

2 credits, Spring

This course provides an in-depth knowledge of dental specialties. Advanced and expanded dental assisting functions, tray set-ups and procedures in endodontics, periodontics, oral surgery, orthodontics and pedodontics are covered. Principles and procedures for amalgam and composite polishing will also be covered. Required: Student Petition. Required: Acceptance into Dental Assistant program
Prerequisites: DA-105 with a C or better
Corequisites: DA-106L

DA-106L Clinical Procedures III Lab

1 credits, Spring

This course covers advanced and expanded dental assisting procedures in dental specialties. Tray set-up, dental materials and specific specialty procedures will be covered in the following dental specialties: orthodontic, periodontics, oral surgery and endodontics. Laboratory instruction in study casts, amalgam, and composite polishing will be taught on dental manikins. Required: Student Petition. Required: Acceptance into Dental Assistant program
Prerequisites: DA-105L with a C or better
Corequisites: DA-106

DA-107 Dental Materials I

2 credits, Fall

This course is an in-depth level of instruction in the composition and manipulation of dental restorative materials, and dental cements. Examination of general dentistry and chairside assisting with direct permanent restorations such as amalgam and composite will also be covered. Required: Student Petition. Required: Acceptance into Dental Assistant program
Corequisites: DA-107L

DA-107L Dental Materials I Lab

1 credits, Fall

This course covers the application of the essential skills necessary in assisting with amalgam and composite restorations. Covers tray-set-ups, pre and post-operative instructions, instrument transfer, and oral evacuation with amalgam and composite procedures. The identification and application of dental cements used in general dentistry will also be covered. Includes manipulation, storage and disposal of hazardous dental materials and cements. Required: Student Petition.

Required: Acceptance into Dental Assistant program

Corequisites: DA-107

DA-108 Dental Materials II

2 credits, Winter

This course focuses on in-depth knowledge of the properties, uses and manipulation of impression materials, gypsum products and waxes. Foundational knowledge will prepare students for the fabrication of custom trays, bleaching trays, and provisional restorations. Includes knowledge of fixed and removable prosthodontic procedures and rationale for polishing removable appliances. An overview of dental implants will also be covered. Required: Student Petition.

Required: Acceptance into Dental Assistant program

Prerequisites: DA-107 with a C or better

Corequisites: DA-108L

DA-108L Dental Materials II Lab

1 credits, Winter

Essential skills in the manipulation and application of dental impression materials, gypsum products and waxes will be covered. Thorough knowledge of laboratory skills in the fabrication of bleaching trays and provisional restorations will be taught. Demonstration of custom trays and uses are introduced. The instrumentation and procedures for fixed and removable prosthodontics will also be covered. Required: Student Petition.

Required: Acceptance into Dental Assistant program

Prerequisites: DA-107L with a C or better

Corequisites: DA-108

DA-110 Clinical Practicum I

1 credits, Fall

Clinical practicum begins in the seventh week of class. Students begin to apply basic dental assisting procedures taught in weeks one through six. OSHA, hazard communication and infection control are followed for student and patient safety. A minimum of 8 supervised unpaid hours per week is required for term one practicum. Students will participate in one seminar held prior to clinical practicum. Required: Student Petition.

Required: Acceptance into Dental Assistant program

DA-115 Dental Science

2 credits, Fall

Introduction and general study of anatomy, physiology, and oral pathology. An in-depth level course of study in oral anatomy, histology and embryology. Introduction to charting will also be covered. Required: Student Petition.

Required: Acceptance into Dental Assistant program

DA-120 Clinical Practicum II

5 credits, Winter

Supervised unpaid practice and improvement of clinical skills taught in clinical procedures, dental materials and radiology. Covers advanced Expanded Functions Dental Assisting (EFDA) skills. Implement infection control protocols. Introduce basic business office procedures. Ten hours of community service will be required. Participate in two seminars during the term. Required: Student Petition.

Required: Acceptance into Dental Assistant program

Prerequisites: DA-110 with a C or better

DA-125 Dental Infection Control

2 credits, Fall

This course covers the introduction and general study of microbiology, major groups of microorganisms, viral and bacterial diseases. Disease transmission, infection prevention, disinfection and instrument processing techniques will also be covered. An in-depth level of the Bloodborne Pathogens Standards and Hazard Communication will be taught and integrated throughout the didactic, preclinical, laboratory and clinical course of study. Required: Student Petition.

Required: Acceptance into Dental Assistant program

DA-130 Clinical Practicum III

8 credits, Spring

Supervised practice and improvement of advanced clinical skills in all areas of chairside dental assisting, laboratory procedures, specialties, radiology and Expanded Functions Dental Assisting (EFDA) procedures. Students report to their assigned site three days a week, for a minimum of twenty-four hours per week, for eleven weeks. Clinical competency skills in business office procedures will also be completed in this term (minimum of forty-four hours). Students will be responsible to meet ten hours of community service. Students will also participate in two seminars during the term. Required: Student Petition.

Required: Acceptance into Dental Assistant program

Prerequisites: DA-120 with a C or better

DA-135 Pharmacology/Medical Emergencies

2 credits, Spring

This course is an introduction to pharmacology, common drugs used in dentistry, drug agencies, regulations, and drug actions. The properties of anesthetic, topical anesthetics, and desensitizing agents will also be covered. An in-depth level knowledge of the identification, response and management of medical and dental emergencies in the dental office will be taught utilizing educational manikin simulators. Required: Student Petition.

Required: Acceptance into Dental Assistant program

DA-145 Dental Office Procedures

2 credits, Spring

This course prepares the student for basic knowledge of dental office procedures to include dental charting. Introduction of dental software, management of patient information, maintenance and retention of business records, inventory and recall systems. Written and oral communication are taught to prepare students for employment opportunities. Required: Student Petition.

Required: Acceptance into Dental Assistant program