

WISCONSIN INDIANHEAD TECHNICAL COLLEGE
DENTAL ASSISTANT
STUDENT HANDBOOK

DENTAL ASSISTANT COURSE DESCRIPTIONS

10-508-101

Dental Health Safety

Credits: 1

Prepares dental auxiliary students to respond proactively to dental emergencies, control infection, prevent disease, adhere to OSHA Standards, and safely manage hazardous materials. Students also take patient vital signs and collect patient medical/dental histories. CPR certification is a prerequisite; students will be required to show proof of certification before beginning the course. This course is a WTCS aligned course required in both the Dental Hygienist and Dental Assisting programs.

PRE/COREQUISITE: Students must be currently recognized/certified in basic life support procedures for the health care provider, including cardiopulmonary resuscitation prior to enrollment in this course.

31-508-302

Dental Chairside

Credits: 5

Prepares dental assistant students to chart oral cavity structures, dental pathology, and restorations and to assist a dentist with basic dental procedures including examinations, pain control, amalgam restoration, and cosmetic restoration. Students will also develop the ability to educate patients about preventive dentistry, brushing and flossing techniques, and dental procedures, using lay terminology. Through the course, students will apply decoding strategies to the correct use and interpretation of dental terminology. COREQUISITES: 10508101 Dental Health Safety, 10504304 Dental and General Anatomy and 10508113 Dental Materials.

10-508-113

Dental Materials

Credits: 2

Prepares dental auxiliary students to handle and prepare dental materials such as liners, bases, cements, amalgam, resin restorative materials, gypsum products, and impression materials. They also learn to take alginate impressions on manikins and clean removable appliances. This course is aligned to serve students in the Dental Hygienist and Dental Assistant programs. COREQUISITES: Enrollment in a Dental Assistant program in an accredited technical, community, or 4-year college; or with permission of the instructor.

31-508-304

Dental and General Anatomy

Credits: 2

Prepares dental assistant students to apply fundamentals of general and dental anatomy to informed decision-making and to professional communication with colleagues and patients. PREREQUISITE: Acceptance into the Dental Assistant program.

10-508-103**Dental Radiography****Credits: 2**

Prepares dental auxiliary students to operate x-ray units and expose bitewing, periapical, extra oral, and occlusal radiographs. Emphasis is placed on protection against x-ray hazards. Students also process, mount, and evaluate radiographs for diagnostic value. In this course students demonstrate competency on a manikin. In addition, students expose bitewing radiographs on a peer, role-play patient. Students gain further experience in exposing radiographs on patients in the clinical portion of their program. This course also provides the background in radiographic theory required for students to make informed decisions and adjustments. PRE/COREQUISITES: Enrollment in a Dental Hygiene or Dental Assistant program in an accredited technical, community, or 4-year college; or with permission of the instructor. Successful completion or concurrent enrollment in 10508101 Dental Health Safety and 10508304 Dental and Concurrent enrollment/completion of 10508304 General Anatomy.

31-508-306**Dental Assistant Clinical****Credits: 3**

Students apply skills developed in Dental and General Anatomy, Dental Health Safety, Dental Chairside, Dental Materials, Dental Radiography, and Professionalism in a clinical setting with patients. Emphasizes integration of core abilities and basic occupational skills. COREQUISITES: 10508101 Dental Health Safety, 10504304 Dental and General Anatomy, 31508302 Dental Chairside, 10508113 Dental Materials, 10508103 Dental Radiography and 31508307 Dental Assistant Professional.

31-508-307**Dental Assistant Professional****Credits: 1**

Prepares dental assistant students for professional success in a dental practice or another dental health care environment. Students develop professional appearance and image. More importantly, they learn to work within ethical guidelines and legal frameworks. In preparation for entering the work force, dental assistants customize or develop their portfolios and lay out an on-going professional development plan. PREREQUISITE: Acceptance into the Dental Assistant program.

31-508-308**Dental /Chairside Advanced****Credits: 5**

Prepares dental assistant students to adapt chairside skills to assisting with dental specialties as they are performed in general practice. Focuses on pediatric dentistry, orthodontics, oral and maxillofacial surgery, endodontics, periodontics, and prosthodontics. Students will also develop the ability to assist with sealants, perform coronal polishing, and apply topical fluoride and topical anesthetics. PREREQUISITE: 31508302 Dental Chairside and COREQUISITE: 31508309 Dental Laboratory Procedures.

31-508-309**Dental Laboratory Procedures****Credits: 4**

Prepares dental assistant students to produce alginate impressions and fabricate diagnostic models, oral appliances, temporary restorations, and custom trays. Students also polish oral appliances. PREREQUISITE: 10508113 Dental Materials and COREQUISITES: 10508304 Dental and General Anatomy and 31508308 Dental Chairside Advanced.

31-508-310**Dental Radiography - Advanced****Credits: 1**

Builds on principles and skills developed in Dental Radiography. Dental assistant students expose full mouth series, extra-oral and specialized radiographs on adult and child patients. Emphasis is placed on protection against x-ray hazards. Students will also process, mount, and evaluate radiographs for diagnostic value. In addition, they will use radiographs to explain dental health and treatment plans to patients. PREREQUISITE: 10508103 Dental Radiography

31-508-311**Dental Assistant Clinical - Advanced****Credits: 2**

Dental assistant students apply skills developed in Dental Chairside - Advanced, Dental Lab Procedures, Dental Radiography - Advanced, and Dental Office Procedures in a clinical setting with patients. Emphasizes integration of core abilities and basic and advanced occupational skills. PREREQUISITE: 31508306 Dental Assistant Clinical and COREQUISITES: 31508308 Dental Chairside – Advanced, 31508309 Dental Laboratory Procedures, 31508310 Dental Radiography – Advanced, and 10508120 Dental Office Management.

10-508-120**Dental Office Management****Credits: 2**

Prepares dental assistant students to manage telephones, appointments, recall systems, and inventory. Students also develop the skills needed to process accounts receivable and payable, collections, and third party reimbursements.

10-801-196**Oral/Interpersonal Communication****Credits: 3**

Focuses upon developing speaking, verbal and nonverbal communication, and listening skills through individual presentations, group activities, and other project.