

DENTAL (508)

508-101. Dental Health Safety. (1 Credit)

Prepare to respond proactively to dental emergencies, control infection, prevent disease, adhere to OSHA standards and safely manage hazardous materials. Take patient vital signs and collect patient medical/dental histories. Wisconsin Technical College System aligned course required in both the Dental Hygienist and Dental Assisting programs. Prerequisites: (508-305 (may be taken concurrently) with a minimum grade of C or 508-103 (may be taken concurrently) with a minimum grade of C) and 508-113 (may be taken concurrently) with a minimum grade of C and 508-304 (may be taken concurrently) with a minimum grade of C See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=101>)

508-102. Oral Anatomy, Embry, Histology. (4 Credits)

Apply detailed oral anatomy knowledge to planning, implementing, assessing, and evaluating patient care. Identify distinguishing characteristics of normal and abnormal dental, head, and neck anatomy and its relationship to tooth development, eruption, and health. Prerequisites: 806-177 with a minimum grade of C See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=102>)

508-103. Dental Radiography. (2 Credits)

Learn to operate x-ray units and expose bitewing, periapical, extra oral, and occlusal radiographs with an emphasis on protection against x-ray hazards. Process, mount, and evaluate radiographs for diagnostic value. Demonstrate competency on manikin, expose bitewing radiographs on a peer, role-play patient and expose radiographs on patients in clinical portion of program. Provides background in radiographic theory required to make informed decisions and adjustments. Prerequisites: (508-101 with a minimum grade of C) and (508-304 (may be taken concurrently) with a minimum grade of C or 508-102 (may be taken concurrently) with a minimum grade of C) and (806-177 with a minimum grade of C or 806-131 with a minimum grade of C) and (High School chemistry) See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=103>)

508-105. Dental Hygiene Process 1. (4 Credits)

Gain an overview of the basic Dental Hygienist technical/clinical skills including the use of basic dental equipment, examination of patients and procedures within the dental unit. Under the direct supervision of an instructor, integrate hands-on skills with entry-level critical thinking and problem solving skills. Dental health safety skills are also reinforced. Prerequisites: 508-101 with a minimum grade of C and 508-102 (may be taken concurrently) with a minimum grade of C See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=105>)

508-106. Dental Hygiene Process 2. (4 Credits)

Under direct instructor supervision, apply patient care assessment, planning, implementation and evaluation skills to provide comprehensive care for calculus case type 1 and 2 patients and perio case type 0, 1 and 2 patients. Introduction of the application of fluoride and desensitizing agents, whole mouth assessment, comprehensive periodontal exams, application of sealants and patient classification. Removal of supragingival stain, dental plaque, calcified accretions, and deposits is also covered. Gain additional experience in exposing radiographs on patients and reinforce the application of dental health safety skills.

Prerequisites: 508-102 with a minimum grade of C and 508-103 with a minimum grade of C and 508-109 (may be taken concurrently) with a minimum grade of C and 508-105 with a minimum grade of C See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=106>)

508-107. Dental Hygiene Ethics & Profes. (1 Credit)

Develop and apply high professional and ethical standards and laws that govern the practice of dental hygiene to patients, other members of a dental team and the community. Emphasis on maintaining confidentiality and obtaining informed consent. Enhance ability to present a professional appearance. See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=107>)

508-108. Periodontology. (3 Credits)

Assess the periodontal health of patients, plan prevention and treatment of periodontal disease, and evaluate the effectiveness of periodontal treatment plans. Learn to recognize the signs and causes of periodontal disease and explore the selection of treatment modalities that minimize risk and restore periodontal health.

Prerequisites: 806-197 with a minimum grade of C and 806-186 with a minimum grade of C and 508-102 with a minimum grade of C and 508-103 with a minimum grade of C and 508-106 (may be taken concurrently) with a minimum grade of C See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=108>)

508-109. Cariology. (1 Credit)

Determine the characteristics and contributing factors of dental decay. Help patients minimize caries risk by developing treatment plans, communicating methods to patients, and evaluating treatment results. Prerequisites: 806-186 with a minimum grade of C and 806-197 with a minimum grade of C and 508-106 (may be taken concurrently) with a minimum grade of C See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=109>)

508-110. Nutrition and Dental Health. (2 Credits)

Discover how to counsel patients about diet and its impact on oral health. Learn to distinguish between balanced and unbalanced diets and to construct diets that meet patient needs with compromised dental/oral health. Students also learn to counsel patients about the effect of eating disorders on dental health.

Prerequisites: 806-186 (may be taken concurrently) with a minimum grade of C See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=110>)

508-111. General & Oral Pathology. (3 Credits)

Determine when to consult, treat or refer clients with various disease, infection or physiological conditions. Recognize the signs, causes and implications of common pathological conditions including inflammatory responses, immune disorders, genetic disorders, developmental disorders of tissues and cysts, oral tissue trauma, and neoplasm of the oral cavity. Prerequisites: 508-102 with a minimum grade of C and 508-103 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=111>)

508-112. Dental Hygiene Process 3. (5 Credits)

In consultation with an instructor, apply independent problem solving skills to provide comprehensive care for calculus case type 1, 2, and 3 patients and perio case type 0, 1, 2, and 3 patients. Introduces root detoxification using hand and ultra-sonic instruments, manipulation of files, use of oral irrigators, selection of dental implant prophylaxis treatment options, and administration of chemotherapeutic agents. Practice adapting care plans in order to accommodate patients with special needs.

Prerequisites: 508-106 with a minimum grade of C and 508-108 with a minimum grade of C and 508-109 with a minimum grade of C and 508-110 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=112>)

508-113. Dental Materials. (2 Credits)

Practice handling and preparing liners, bases, cements, amalgam, resin restorative materials, gypsum products, and impression materials. Learn to take alginate impressions on manikins and clean removable appliances.

Prerequisites: 508-101 (may be taken concurrently) with a minimum grade of C and 508-304 (may be taken concurrently) with a minimum grade of C and (508-305 (may be taken concurrently) with a minimum grade of C or 508-103 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=113>)

508-114. Dental Pharmacology. (2 Credits)

Understand how to select safe, effective patient pre-medication, local anesthetic, chemo therapeutic, and anti-microbial agents within the scope of dental hygiene practice. Learn to recognize potential pharmacological contraindications for specific patients and take measures to avoid negative impact or alert other members of the dental team to possible negative impact.

Prerequisites: 806-186 with a minimum grade of C and 806-197 with a minimum grade of C and (508-106 (may be taken concurrently) with a minimum grade of C or 508-112 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=114>)

508-115. Community Dental Health. (2 Credits)

Perform and interpret dental health research to determine community dental health needs. Participate in the development, implementation and evaluation of a community dental health program.

Prerequisites: 508-112 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=115>)

508-116. Dental Pain Management. (1 Credit)

Learn how to manage pain for dental patients and prevent and manage common emergencies related to administration of local anesthesia. Preparing the armamentarium, administering local anesthesia and recommending alternative pain control measures are also covered.

Prerequisites: 508-102 with a minimum grade of C and 508-114 (may be taken concurrently) with a minimum grade of C and 508-112 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=116>)

508-117. Dental Hygiene Process 4. (4 Credits)

With feedback from the instructor, manage all aspects of cases in providing comprehensive care for calculus case type 0, 1, 2 and 3 patients and for perio case type 0, 1, 2, and 3 patients. Maximization of clinical efficiency and effectiveness is emphasized. Gain preparation in demonstration of clinical skills in a formal exam situation.

Prerequisites: (508-112 with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=117>)

508-118. Dental Anxiety and Pain Management. (2 Credits)

The course prepares the dental hygiene student to work within the scope of dental hygiene practice to manage anxiety and pain for dental patients. Students learn to prepare and administer local anesthesia and nitrous oxide safely. The course also addresses the recommendations of alternative pain control measures.

Prerequisites: 508-102 with a minimum grade of C and 508-114 (may be taken concurrently) with a minimum grade of C and 508-111 (may be taken concurrently) with a minimum grade of C and 508-112 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=118>)

508-125. DH Process 2 Clinical Exp. (3 Credits)

This course is required for students that require further clinical practice for all of the content and curriculum previously covered in 508-106, DH Process 2. Under direct supervision, apply patient care assessment, planning, implementation and evaluation skills to provide comprehensive care for various levels of calculus and perio types. Reinforce application of fluoride and desensitizing agents, whole mouth assessment, comprehensive periodontal exams, application of sealants and patient classification. Removal of supragingival stains, dental plaque, calcified accretions, and deposits is also reinforced. Gain additional experience in exposing radiographs on patients and reinforce the applications of dental health safety skills.

Prerequisites: 508-102 with a minimum grade of C and 508-103 with a minimum grade of C and 508-105 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=125>)

508-126. DH Process 3 Clinical Exp. (4 Credits)

This course is required when students require further clinical practice as they progress in the program. In consultation with an instructor, apply independent problem-solving skills to provide comprehensive care for both calculus and perio types of varying levels. This course continues to reinforce root detoxification using hand and ultrasonic instrumentation, manipulation of files, selection of dental implant prophylaxis treatment options, and administration of chemotherapeutic medications. Practice adapting care plans in order to accommodate patients with special needs.

Prerequisites: 508-106 with a minimum grade of C and 508-108 with a minimum grade of C and 508-109 with a minimum grade of C and 508-110 with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=126>)

508-170. Dental Hygiene II Skills Maint. (1 Credit)

This course emphasizes client assessment, instrumentation, oral health products and education techniques for the continuing Dental Hygiene student's skill maintenance.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=170>)

508-302. Dental Chairside. (5 Credits)

Prepare to chart oral cavity structures, dental pathology, and restorations and assist a dentist with basic dental procedures including examinations, pain control, amalgam restoration, and cosmetic restoration. Develop the ability to educate patients about preventive dentistry, brushing and flossing techniques, and dental procedures, using lay terminology. Apply decoding strategies to the correct use and interpretation of dental terminology.

Prerequisites: 508-101 (may be taken concurrently) with a minimum grade of C and 508-113 (may be taken concurrently) with a minimum grade of C and 508-306 (may be taken concurrently) with a minimum grade of C and 508-307 (may be taken concurrently) with a minimum grade of C and 508-304 (may be taken concurrently) with a minimum grade of C and (508-305 (may be taken concurrently) with a minimum grade of C or 508-103 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=302>)

508-304. Dental & General Anatomy. (2 Credits)

Apply fundamentals of general and dental anatomy to informed decision-making and to professional communication with colleagues and patients.

Prerequisites: 508-101 (may be taken concurrently) with a minimum grade of C and 508-113 (may be taken concurrently) with a minimum grade of C and (508-305 (may be taken concurrently) with a minimum grade of C or 508-103 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=304>)

508-305. Applied Dental Radiography. (2 Credits)

Prepares student to operate x-ray units and expose bitewing, periapical, extra oral, and occlusal radiographs. Emphasis on protection against x-ray hazards. Students also process, mount, and evaluate radiographs for diagnostic value. Students demonstrate competency on a manikin in addition to exposing bitewing radiographs on a peer, role-play patient.

Prerequisites: 508-101 (may be taken concurrently) with a minimum grade of C and 508-304 (may be taken concurrently) with a minimum grade of C and 508-113 (may be taken concurrently) with a minimum grade of C

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=305>)

508-306. Dental Assistant Clinical. (3 Credits)

Apply skills in a clinical setting with patients. Integration of core abilities and basic occupational skills are emphasized.

Prerequisites: 508-101 (may be taken concurrently) with a minimum grade of C and 508-302 (may be taken concurrently) with a minimum grade of C and 508-113 (may be taken concurrently) with a minimum grade of C and 508-307 (may be taken concurrently) with a minimum grade of C and 508-304 (may be taken concurrently) with a minimum grade of C and (508-305 (may be taken concurrently) with a minimum grade of C or 508-103 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=306>)

508-307. Dental Assistant Professional. (1 Credit)

Develop professional appearance and image and learn to work within ethical guidelines and legal frameworks. Develop and customize a portfolio and on-going professional development plan to prepare for the workforce.

Prerequisites: 508-306 (may be taken concurrently) with a minimum grade of C and 508-101 (may be taken concurrently) with a minimum grade of C and 508-113 (may be taken concurrently) with a minimum grade of C and 508-304 (may be taken concurrently) with a minimum grade of C and 508-302 (may be taken concurrently) with a minimum grade of C and (508-305 (may be taken concurrently) with a minimum grade of C or 508-103 (may be taken concurrently) with a minimum grade of C)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=508&num=307>)