



J. Sargeant Reynolds
Community College



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DENTAL ASSISTING

[DNA 100 Introduction to Oral Health Professions \(1 cr.\)](#)

Provides an introduction to the oral health profession and covers basic terminology, historical perspective, the credentialing process, accreditation, professional organizations, and legal and ethical considerations. Prerequisite: Approval of program head. Lecture 1 hour per week.

[DNA 103 Introduction to Oral Health \(1 cr.\)](#)

Teaches anatomy of the head and neck, the hard and soft tissues of the oral cavity, tooth morphology, deciduous and permanent dentition, as well as dental pathology and terminology. Prerequisite: Approval of program head. Lecture 1 hour per week.

[DNA 108 Dental Science \(3 cr.\)](#)

Studies head and neck anatomy, tooth morphology, pathological conditions of the oral cavity, disease processes, and microbiology. Prerequisite or co-requisite: DNA 103. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

[DNA 109 Practical Infection Control \(3 cr.\)](#)

Studies principles of management of disease producing microorganisms and associated diseases. Emphasizes sterilization, asepsis, and disinfection techniques applicable in the dental office. Prerequisite or co-requisite: DNA 108 or program head approval. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

[DNA 110 Dental Materials \(3 cr.\)](#)

Studies the materials utilized in the laboratory aspect of dentistry as support in treatment. Emphasizes the characteristics, manipulation, economical control, storage, and delivery of materials. Prerequisite or co-requisite: DNA 109 or program head approval. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

[DNA 113 Chairside Assisting I \(3 cr.\)](#)

Provides instruction on the principles of clinical chairside dental assisting, dental equipment use and maintenance, safety, instrument identification, tray set-ups by procedures, and patient data collection. Emphasizes patient management during restorative procedures. Prerequisite or co-requisite: DNA 110 or program head approval. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

[DNA 114 Chairside Assisting II \(4 cr.\)](#)

Introduces the student to the various dental specialties, including oral surgery, orthodontics, periodontics, prosthodontics, endodontics, and pediatric dentistry. Emphasizes integration and application of previous course content to operative dental procedures. Prerequisite: DNA 190. Lecture 2 hours. Laboratory 6 hours. Total 8 hours per week.

DNA 119 Dental Therapeutics (1 cr.)

Exposes students to concepts and terminology related to pharmacology, pain control, and dental medicinal agents. Emphasizes the use of materials in patient treatment. Prerequisite or co-requisite: DNA 113 or program head approval. Lecture 1 hour per week.

DNA 120 Community Health (1 cr.)

Studies topics related to community health issues including identification of specific diseases, symptoms, causes and effects. Emphasizes the promotion of oral health in the community through patient education in oral home care techniques, dietary counseling, plaque control procedures, and application of medicinal agents. Prerequisite or co-requisite: DNA 113 or program head approval. Lecture 1 hour per week.

DNA 130 Dental Office Management (3 cr.)

Exposes students to and provides practical experience in the legal aspects of dental office management with regard to ethics, jurisprudence, appointment control, recall systems, reception techniques, telephone techniques, accounts receivable and payable, payroll insurance claims, inventory control, and professional conduct in a dental office. Prerequisite: Approval of program head. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

DNA 134 Dental Radiology and Practicum (3 cr.)

Teaches the physics of dental radiation and safety, equipment operation, cone placement for the parallel and bisection techniques, panoramic exposures, mounting and film processing. Prerequisite or co-requisite: DNA 190 or program head approval. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

DNA 135 Dental Radiation Safety (2 cr.)

Studies techniques and devices used for protection from ionizing radiation. Teaches biological effects, cell sensitivity and genetic effects of ionizing radiation. Includes practice of bisection and parallel techniques on mannequins. Prepares employed dental staff to meet the Virginia Board of Dentistry's regulations for certification in dental radiation safety hygiene. Students must be at least 18 years old to enroll. Lecture 1 hour. Laboratory 3 hours. Total 4 hours per week.

DNA 140 Externship (5 cr.)

Exposes students to the fast pace of a dental practice while they perform support services with an established team. Prerequisite or co-requisite: DNA 114. Lecture 1 hour. Laboratory 12 hours. Total 13 hours per week.

DNA 146 Review for National Certification Examination (1 cr.)

Reviews related subject matter pertaining to certification examination. Lecture 1 hour per week.

DNA 190 Coordinated Internship in Dental Assisting (2 cr.)

Provides students clinical experience to supplement DNA 113 through hands-on experience in the dental clinic at JSRCC. Students will be assisting staff.

Prerequisite or Co-requisite: DNA 113. Laboratory 8 hours per week.

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