

Dental

- DENT 102 Dental Materials I 3 credits**
This course includes theory and practical use of dental materials including uses, composition, properties, and proper manipulation. Gypsum products, impression materials, waxes, and cements are covered. Basic restorative materials are introduced. Two lecture and two laboratory hours per week.
- DENT 103 Dental Radiography I 3 credits**
This course provides instruction in the nature of ionizing radiation; the production, properties, dosage, and hazards of radiation; infection control; and appropriate protection techniques for patient and operator. Instruction in the function and correct use of the dental unit and processors for chemical and digital radiography is presented. Two lecture and two laboratory hours per week. Pre/Co-requisite: DENT 106 Dental Science I.
- DENT 105 Dental Office Management 3 credits**
This course is designed to train the Dental Assistant in business procedures for a dental setting. Emphasis is placed on this role as part of the team concept. Included in this course is a study of communication as it relates to patient/doctor/auxiliary relations, as well as employer/employee situations. The course covers telephone techniques, appointment control, record and filing procedures, banking, billing, third-party payments, inventory control, and supplies. Resume and interviewing techniques are also covered.
- DENT 106 Dental Science I 5 credits**
This course provides instruction in head and neck anatomy and emphasizes oral anatomy as it relates to the growth and development of the teeth and adjacent structures. The course includes the relationship of dental structures to body systems and to health. The course also covers oral history, oral embryology, and microbiology as they apply to oral disease and the prevention and methods of infection control. Oral pathology and identification of common oral conditions and lesions are a component of this course. Nutrition is included as it relates to oral health and dental caries. Home care instruction and plaque control are also emphasized. Four lecture and two laboratory hours per week.
- DENT 107 Chairside Assisting 6 credits**
This course prepares the student for clinical externship utilizing the concepts of four-handed dentistry. Instruction is provided in instrumentation, tray set-ups, and sterilization. Also included is instruction in chairside positioning, preparation of the dental unit, and maintenance of equipment. Basic intra-oral functions such as mirror placement and retraction, use of oral evacuation, and rubber dam technique are also covered. CPR training is included as part of this course. Four lecture and four laboratory hours per week.
- DENT 111 Dental Science II 3 credits**
A continuation of Dental Science I, this course includes dental pharmacology, emphasizing the nature and property of drugs and anesthetics used frequently in dentistry. Also included is an introduction to dental specialties, namely: orthodontics, periodontics, oral surgery, endodontics, pediatric dentistry and prosthodontics. Two lecture and two laboratory hours per week. Prerequisite: DENT 106 Dental Science I.
- DENT 112 Clinical Externship 6 credits**
This component of the program provides the student with practical experience in four-handed dentistry, general office procedures, and basic laboratory skills. To expose students to a broad spectrum of patients and settings, the students rotate through several types of dental settings, including private practice and a hospital or dental clinic. To integrate experiences, students must maintain a daily log of dental procedures and duties performed and must attend a seminar with the Dental Assistant faculty member. This course involves 300 hours of clinical experience. Prerequisites: a grade of C+ or higher in: DENT 102 Dental Materials I, DENT 103 Dental Radiography I, and DENT 107 Chairside Assisting.
- DENT 113 Dental Materials II 2 credits**
This course includes restorative materials in more depth than in the first semester. Students also learn to perform laboratory procedures associated with chairside assisting: pouring, trimming, and polishing study models and casts; fabricating custom impression trays from preliminary impressions; cleaning and polishing removable appliances; and fabricating temporary crowns and restorations. Sealants and Coronal Polishing are taught to clinical proficiency. Polishing agents are introduced. Lecture: 1 hour, Laboratory: 2 hours. Prerequisite: Dental Materials I (DENT 102) with a grade of C+ or better.
- DENT 114 Dental Radiography II 3 credits**
This course provides instruction in the exposure and continued evaluation of dental film using the following methods: bisecting angle, paralleling, panoramic, chemical, and digital film techniques. Further instruction in quality assurance and radiology regulations is addressed. Duplication of film technique and rapid processing is also included. Two lecture and two laboratory hours per week. Prerequisite: DENT 103 Dental Radiography I.

