

### **DEA 0020C Pre-Clinical Procedures**

A comprehensive course designed to acquaint the student with the many aspects of assisting at chairside in the treatment of dental patients. Among the areas included are patient management techniques, taking and recording medical and dental histories, vital signs, performing and assisting with clinical examinations and charting, assisting with local anesthesia, and operative procedures. Emphasis is placed on infection control and maintenance of dental equipment and sterilizers.

### **DES 1000 Dental Anatomy**

Study of early facial and tooth development processes in relationship to macroscopic oral anatomy. Comprehensive course content includes instruction in basic oral structures with emphasis on permanent and deciduous human dentition. Histological and embryonic development and occlusion are also discussed.

### **DEA 0135 Introduction to Microbiology**

This course is intended to familiarize the student with the role of microorganisms in health and disease. Organisms of concern to the dental practitioner/auxiliary will receive particular attention.

### **DES 1200 Radiology I**

Dental radiography is a clinical discipline encompassing the technique of exposing, processing, mounting dental radiographs and includes interpretation of the films to aid in obtaining a diagnosis. Radiation safety is a crucial component of this study. The history and theory of the use of ionizing radiation as applied to dentistry will be presented.

### **DES 1200L Radiology I Lab**

Practical application of the Radiology I lecture course. This portion of the course includes the actual exposing, processing and mount of dental x-rays.

### **DES 1010 Head and Neck Anatomy**

A detailed study of the skeletal, muscular, circulatory, and nervous systems of the head and neck. Special emphasis is given to structures associated with oral cavity. The teeth are studied in relationship to the structures that support them.

### **DES 1320 Basic Communications and Human Relations**

Emphasis is on effective oral and written communication with patients as well as with coworkers and how that relationship affects both parties. Course is designed to stimulate group participation and individual growth. Professionalism and ethics related to dental assisting will be reviewed.

### **DEA 0134 Pharmacology/Dental Office Emergencies**

A study of drugs and anesthetics used in dentistry. The origin, physical and chemical properties, preparation, modes of administration, and effects on the body systems will be presented. Management of various dental office emergencies will be an important component of this study

### **DES 1100C Dental Materials**

A study of the basic chemical, physical, and biological properties of commonly used dental materials. Composition, properties, manufacturers, and proper handling will be presented.

### **DES 1400 Anatomy and Physiology**

A course designed to familiarize the student with the human body from the standpoint of normal structure and function.

### **DEH 1400 Oral Pathology**

This course will study general and oral pathological diseases with emphasis on those related to the oral

cavity. Students will apply pathological principles to the clinical practice of dental hygiene and dental assisting. Recognition of normal and abnormal conditions of the oral cavity and surrounding tissues will be cultivated through case presentations and PowerPoint presentations.

### **DES 1201 Radiology II**

The course includes radiologic interpretation of the oral structures, intraoral surveys, and advanced techniques in extraoral radiology. Information will be presented on quality control, radiologic physics, and health considerations.

### **DES 1201L Radiology II Lab**

Laboratory assignments scheduled concomitant with lecture materials.

### **DES 0840 Dental Health Education**

This course will present the cause for and the management of dental diseases. The principles of prevention will be emphasized along with the development of visual aid materials. Practical experience is gained through teaching dental health education in elementary schools and the clinical setting during National Dental Health Month. Topics will also include educational principles, dental disease, oral hygiene procedures, fluorides, and various adjuncts to oral hygiene.

### **DES 0502 Dental Practice Management**

A study of various practice management procedures which include communication with patients, reception procedures, telephone techniques, appointment book control, purchasing and maintaining inventory of supplies, filling systems written communications, clinical and financial records, bookkeeping methods, banking procedures, and tax records. Job interviews, resumes, as well as budget workup will be included along with information on legal and ethical aspects of dentistry, State Dental Practice Act, professional organizations, and employment opportunities are discussed.

### **DEA 0132 Dental Nutrition**

A comprehensive course in normal nutrition that emphasizes the biochemical aspects of nutrition as applied to oral health; the principle nutrients in foods and their utilization by the body; and practical application of nutritional counseling procedures for dental patients.

### **DEA 0800L Clinical Practice I**

A clinical experience in which each student will gain beginning chairside assisting skills.

### **DEA 0801 Clinical Practice II**

A series of specialty lectures and seminars designed to provide an overview of each of the dental specialty practices. The lecture series will be accompanied by the laboratory/clinical component of this course whereby students will be assigned to the specialty offices and other available clinical sites.

### **DEA 0801L Clinical Practice II Lab**

A clinical experience in which each student will gain additional chairside assisting skills and begin to incorporate the advanced functions into patient treatment procedures.

### **DEA 0850L Clinical Practice III**

Clinic practice designed as an internship in a private dental practice. Arrangements are made with each dentist taking part in the program to enable the student to obtain experience in all aspects of dental office procedures. Each student will be assigned to two offices for a period of three weeks in each office.

### **DES 1830 Expanded Functions**

This course is designed for the dental assisting student to gain clinical proficiency in the expanded duties legally allowable in the State of Florida. This is the lecture portion of the course.

**DES 1830L Expanded Functions**

This portion of the course includes clinical practice in the expanded duties legally allowable in the State of Florida.