

# 2021-2022 TTC Catalog - Dental Assisting (DAT)

---

## **DAT 113 - Dental Materials**

**Lec:** 2.0 **Lab:** 6.0 **Credit:** 4.0

### **Course Offered**

Fall

This course is a study of physical and chemical properties of matter and identification, characteristics, and manipulation of dental materials.

**Grade Type:** Letter Grade

**Restrictions:** Restricted to Dental Assisting majors

**Division:** Health Sciences

---

## **DAT 114 - Dental Emergencies and Medicine**

**Lec:** 3.0 **Lab:** 0 **Credit:** 3.0

### **Course Offered**

Fall

Summer

This course provides a study of various medical conditions and medications, including the management of a medically compromised dental patient.

**Grade Type:** Letter Grade

**Restrictions:** Restricted to Dental Assisting majors

**Division:** Health Sciences

---

## **DAT 115 - Ethics and Professionalism**

**Lec:** 1.0 **Lab:** 0 **Credit:** 1.0

### **Course Offered**

Fall

Summer

This course introduces a cursory history of dental assisting; professional associations; scope of service in dentistry; and ethical, legal and professional considerations. The state dental practice set is reviewed.

**Grade Type:** Letter Grade

**Restrictions:** Restricted to Dental Assisting majors

**Division:** Health Sciences

---

## **DAT 118 - Dental Morphology**

**Lec:** 2.0 **Lab:** 0 **Credit:** 2.0

### **Course Offered**

Fall

This course emphasizes the development, eruption and individual characteristics of each tooth and surrounding structures.

**Grade Type:** Letter Grade

**Restrictions:** Restricted to Dental Assisting majors

**Division:** Health Sciences

---

## **DAT 121 - Dental Health Education**

**Lec:** 2.0 **Lab:** 0 **Credit:** 2.0

### **Course Offered**

Spring

This course defines the responsibilities of the dental assistant in individual and community dental health education with emphasis on the etiology of dental disease, methods for prevention, and principles of nutrition in relationship to oral health and preventive dentistry.

### **Prerequisite**

DAT 154

**Grade Type:** Letter Grade

**Division:** Health Sciences

---

## **DAT 122 - Dental Office Management**

**Lec:** 2.0 **Lab:** 0 **Credit:** 2.0

### **Course Offered**

Spring

This course provides a study of the business aspects of a dental office.

**Prerequisite**

DAT 154

**Grade Type:** Letter Grade

**Division:** Health Sciences

---

## **DAT 123 - Oral Medicine-Oral Biology**

**Lec:** 3.0 **Lab:** 0 **Credit:** 3.0

**Course Offered**

Fall

This course presents a basic study of oral pathology, pharmacology, nutrition and common emergencies as related to the role of the dental assistant. The basic study of the dental sciences and terminology are included in this course.

**Grade Type:** Letter Grade

**Restrictions:** Restricted to Dental Assisting majors

**Division:** Health Sciences

---

## **DAT 127 - Dental Radiography**

**Lec:** 3.0 **Lab:** 3.0 **Credit:** 4.0

**Course Offered**

Spring

This course provides the fundamental background and theory for the safe and effective use of X-radiation in dentistry. It encompasses the history of X-rays, production and uses of radiation, radiographic film, exposure factors, interpretation of radiographs and radiation hygiene.

**Prerequisite**

DAT 118

**Grade Type:** Letter Grade

**Division:** Health Sciences

---

## **DAT 154 - Clinical Procedures I**

**Lec:** 2.0 **Lab:** 6.0 **Credit:** 4.0

**Course Offered**

Fall

This course includes preparation to assist a dentist efficiently in four-handed dentistry. Emphasis is on the names and functions of all dental instruments, the principles involved in their use and the assistant's role in dental instrumentation.

Physical examination, major medical insurance and Hepatitis B vaccine series

**Grade Type:** Letter Grade

**Restrictions:** Restricted to Dental Assisting majors

**Division:** Health Sciences

---

**DAT 177 - Dental Office Experience**

**Lec:** 1.0 **Lab:** 18.0 **Credit:** 7.0

**Course Offered**

Summer

This course consists of practice in the dental office or clinic with rotation of assignments to encompass experiences in office management and clinical experience in all areas of dentistry.

**Prerequisite**

DAT 122

and

DAT 127

and

DAT 154

and

DAT 185

**Grade Type:** Letter Grade

**Division:** Health Sciences

---

**DAT 185 - Dental Specialties**

**Lec:** 2.0 **Lab:** 9.0 **Credit:** 5.0

**Course Offered**

Spring

This course covers the equipment and procedures related to dental specialties used in clinical experiences.

**Prerequisite**

DAT 154

and

CPR certification, Hepatitis B vaccine series and

ENG 101

**Grade Type:** Letter Grade**Division:** Health Sciences

---