

**NorthWest Arkansas Community College**  
**Standard Course Outline / Division of Health Professions**

**Course Number and Title**

**DNTA 1113: Clinical Dentistry I**

**Course Description:**

This course provides an orientation to the dental profession with emphasis on the dental assistant, includes historical information on the dental profession, basic information concerning education and licensure of the dentist and hygienist with. Introduces the ethical principles and laws that pertain to the state and national practice of dentistry. Focuses on medical and dental emergencies, the fundamental principles, skills, preventive measures and knowledge to respond in various emergency situations that may arise in the dental office. Cardiopulmonary resuscitation (CPR) for the Health Care Provider training for certification is included.

**Prerequisite:**

Students must be enrolled as a student at NWACC. English and Math ACT score of 19 or equivalent. Must be currently enrolled in Dental Assisting Program. Prior coursework in anatomy, physiology, and medical terminology is suggested but not required. Interview and permission of Dental Assisting Program Director is required.

**Credit Hours**

Three (3) credit hours that may not be transferable to other institutions.

**Target Audience**

Adult and High School students admitted to the Dental Assisting Program

**Student Learning Objectives:**

Upon successful completion of this course the student will be able to:

- Identify dental historic events.
- Identify education levels required for the dental health team.
- Demonstrate an understanding of the ethics and laws governing the practice of dentistry.
- Recognize regulatory agencies.
- Demonstrate safe handling of chemicals.
- Demonstrate correct ergonomics.
- Interpret patient medical records.
- Identify and take vital signs.
- Recognize medical and dental emergencies.
- Know how to prevent and respond to medical and dental emergencies.
- Become American Heart Association CPR for the Health Care Provider certified.

**Topics:**

- History of Dentistry
- Professional Dental Assistant
- Dental Healthcare Team
- Dental Ethics

- Dentistry and the Law
- Regulatory and Advisory Agencies
- Chemical and Waste Management
- Dental Unit Waterlines
- Ergonomics
- Patient Records
- Vital Signs
- Assisting in a Medical Emergency
- AHA BLS for the Healthcare Provider

**Required assessment:**

- Observation with instructor evaluation in lab setting
- Observation with instructor evaluation in clinical setting
- Unit exams
- Comprehensive final exam