

Northwest Arkansas Community College

Health Professions Division

Discipline Code

DNTA

Course Number

1113

Course Title

Clinical Dentistry

Catalog 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. 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.

Prerequisites

Acceptance into program by interview with program director.

Credit Hours

3 credit hours

Contact hours

25 lecture contact hours; 25 lab contact hours

Load hours

3 load hours

Semesters Offered

Fall

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Students completing this course will:

- 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 including mandated reporting, HIPAA, and risk management.
- Mandated Reporting Certificate from the Arkansas Mandated Reporter website.
- 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.

General Education Outcomes Supported

- Students develop higher order thinking skills.
- Students gain greater awareness of cultural perspectives.

Standard Practices

Topics list

- Develop timeline of events in dental history
- Differentiate dental professionals and appropriate tasks for each
- Training in ethics including practice scenarios and risk assessment
- HIPAA training with specific focus on dental situations
- Mandated Reporting Certificate through the Arkansas Mandated Reported website with additional classroom discussion
- Develop familiarity with regulatory agencies and the role they play in dentistry
- Recognize and exhibit safety protocols with handling of chemicals
- Awareness of body mechanics and positioning while treating patients
- Documenting and understanding medical records
- Preventing, recognizing, and responding to medical and dental emergencies

Learning activities

- Didactic instruction will be delivered either in the classroom setting or through virtual systems.
- Didactic instruction will include models, manikins, videos, and diagrams to reinforce topics discussed.
- Laboratory exercises will align with the didactic portion of the course.
- Infection Prevention Protocols will be of primary importance and will be integrated into each and every lab process.
- Laboratory exercises will utilize models, manikins, and classmates to locate and identify oral and dental structures.
- Disinfection and sterilization laboratories will utilize standard dental equipment for training and will include equipment safety training.
- Students will learn new terminology and experience varied learning methods to reinforce the General Education outcomes of higher order thinking skills and information literacy.
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Assessments

- Final grade will be based on the average of all exams, quizzes, homework, and labs.
- Examinations: Final written exam is comprehensive and scored on a percentage basis. Final Practical exam is comprehensive of all skills/topics covered during course.

- Quizzes: A quiz may be given at any time during the course. Make-up quizzes are at the instructor's discretion.
- Homework: Assignments may be given at any time during the course and will be due when designated by the instructor. Material turned in after designated time/date will not be accepted and will result in a grade of "0".
- Labs: Designed for student to gain skill with new procedures. Labs are scored on a Pass/Fail basis. Students must achieve a Pass in order to advance in course.

Grading guidelines

- A=90-100%
- B=80-89%
- C=70-79%

*You must maintain a grade of C or higher to progress in the Dental Assisting Program.