

Northwest Arkansas Community College
Health Professions Division

Discipline Code

DNTA

Course Number

1512

Course Title

Preventative Dentistry

Catalog Description

This course stresses the philosophy of preventive dentistry. Includes a thorough discussion of plaque formation, oral hygiene, diet and nutrition, and systemic and topical fluorides.

Prerequisites

Acceptance into program by interview with program director

Credit Hours

2 credit hours

Contact hours

25 lecture contact hours

Load hours

2 load hours

Semesters Offered

Fall

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Students completing this course will:

- Describe dental caries formation.
- Describe the periodontal disease process.
- Explain and demonstrate preventive dentistry.
- Differentiate between systemic and topical fluorides.
- Recognize principles of good nutrition
- Identify how oral health effects systemic health

General Education Outcomes Supported

- Students develop higher order thinking skills.
- Students can employ a variety of sources to locate, evaluate, and use Information.

Standard Practices

Topics list

- Process of acid formation in the mouth
- Process of demineralization/remineralization of the enamel
- Process of plaque accumulation, calculus formation
- Disease process of dental decay
- Disease process of periodontal disease
- Benefits/risks of fluoride
- Discuss how oral health and systemic health are interrelated

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.

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.