

Northwest Arkansas Community College
Health Professions Division

Discipline Code

DNTA

Course Number

1322

Course Title

Dental Materials II

Catalog Description

Provides students with an opportunity to become competent in the use of dental materials and equipment used either at chairside or in the dental laboratory. Includes fixed and removable prosthodontics, gypsum products, impression material, waxes, abrasives, polishing materials, specialty materials and dental implants

Prerequisites

Successful completion of DNTA 1313 Dental Materials I and program director approval.

Credit Hours

2 credit hours

Contact hours

12.5 lecture contact hours; 25 lab contact hours

Load hours

2 load hours

Semesters Offered

Spring

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

- Upon successful completion of this course the student will be able to:
- Discuss and apply appropriate infection prevention techniques.
- Discuss the different types of impression materials and waxes
- Demonstrate correct impression technique.
- Operate laboratory equipment.
- Manipulate standard laboratory materials.

- Apply techniques of provisional coverage.
- Assist with removable prosthodontics.
- Discuss appropriate implant techniques.

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

- Types of dental impression materials and waxes
- Applications of dental impression materials and waxes
- Types of dental laboratory equipment and safety processes
- Grasp concepts of provisional crown coverage
- Discuss types of prosthodontic procedures
- Discuss types of implant procedures

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.