

Virginia Western Community College

DNH 244

Dental Hygiene IV

PREREQUISITES

Admission to the DNH Program

COURSE DESCRIPTION

Introduces advanced skills and the dental hygienist's role in dental specialties. Includes supervised clinical practice in the dental hygiene clinic and/or off-campus clinical rotations at various community facilities. Emphasizes treatment of clients demonstrating periodontal involvement, stressing application and correlation of knowledge and skills from previous semesters. Prerequisite DNH 143 or DNH 190. Lecture 1 hour. Clinic 12 hours. Total 13 hours per week. 5 credits

Semester Credits: 5 Lecture Hours: 1 Lab/Clinical/Internship Hours: 12

REQUIRED MATERIALS

Textbooks:

- Boyd, Linda, Wilkins' Clinical Practice of the Dental Hygienist, (14th edition). Jones and Bartlett Learning, ISBN-13 978-1284255997
- Virginia Western Community College Dental Hygiene Student Guidelines and Procedures Manual (Current cohort edition)

Other Recommended Materials:

- Author: Nield-Gehrig, Jill S and Willmann, Donald E. Foundations of Periodontics for the Dental Hygienist. Fifth Edition. ISBN: 978-1284209266.
- Author: Nield-Gehrig, Jill S. and Willmann, Donald E. Fundamentals of Periodontal Instrumentation, Eighth Edition. ISBN: 978-1-4963-2020-9.

COURSE OUTCOMES

At the completion of this course, the student should be able to:

1. Use and integrate knowledge from previous semesters in applying the dental hygiene process of care to special patient populations.
2. Draw on your clinical experiences with patients and relate your experiences to class discussions.
3. Through class participation and independent clinical skill assessment, broaden your appreciation of the functioning of the dental team.

4. Use current scientific literature and web-based sources as resources for course assignments.
5. Apply previous knowledge and use problem solving skills in developing strategies for comprehensive patient care as indicated by patient need.
6. Perform a self-assessment of your clinical strengths and weaknesses.
7. Identify strategies to improve your clinical skills and time management.
8. Discuss and demonstrate advanced fulcrum and instrumentation techniques.
9. Continue to prepare portfolio items and report your progress during the semester.
10. Select a patient at risk for a nutritional deficit and conduct nutritional counseling sessions designed to meet client needs.
11. Analyze the ethical issues and conflicts that may arise when providing care to special patient populations.

TOPICAL DESCRIPTION

- **MODULE 1** ACUTE PERIODONTAL CONDITIONS AND EMERGENCIES
- **MODULE 2** DENTAL IMPLANTS AND MAINTENANCE
- **MODULE 3** ORAL SURGERY
- **MODULE 4** SEIZURE DISORDERS
- **MODULE 5** EXAM 1
- **MODULE 6** LASERS IN DENTISTRY
- **MODULE 7** TECHNIQUES FOR ADVANCED FULCRUMS/ADVANCED INSTRUMENTS
- **MODULE 8** CONNECTIVE TISSUE DISORDERS
- **MODULE 9** CANCER CONSIDERATIONS FOR THE DENTAL HYGIENIST
- **MODULE 10** EXAM 2
- **MODULE 11** RESPIRATORY CONDITIONS
- **MODULE 12** CARDIAC CONDITIONS
- **MODULE 13** BLOOD DISORDERS
- **MODULE 14** DIABETES
- **MODULE 15** EXAM 3