

VIRGINIA WESTERN COMMUNITY COLLEGE

DNH 142

DENTAL HYGIENE SEMINAR II

PREREQUISITES

Successful completion of DNH 111, 115, 120, 130 and 141

COURSE DESCRIPTION

Exposes students to instrument sharpening, time management, patient education and ultrasonic instrumentation techniques and methods. Provides supervised clinical practice in the dental hygiene clinic with emphasis on developing patient treatment and instrument skills.

Semester Credits: 5 Lecture Hours: 2 CLINICAL HOURS: 9

REQUIRED MATERIALS

TEXTBOOKS:

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

SUPPLEMENTARY MATERIALS:

- Wynn, et al. Drug Information Handbook for Dentistry. 26th edition ISBN: 978-1-59195-382-1 Lexicomp ***OR current updated edition***

COURSE OUTCOMES

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

1. Apply scientific knowledge and skill to all clinical techniques and instructional procedures
2. Develop and carry out a plan for managing available clinic time in a manner, which permits quality care and achievement of established competency levels
3. Practice safe and efficient clinical routines for the application of Standard Precautions for infection control
4. Using data gathered during the oral exam and information gained from interaction with the patient, identify individual oral health needs
5. Recognize each client as an individual, recognize and respect cultural beliefs, and adapt techniques and procedures accordingly
6. Demonstrate professional interaction skills with peers, faculty, and patients

7. Apply a continuing process of self-development and self-evaluation
8. Apply knowledge of treatment planning and practice management to future clinical procedures
9. Discuss the significance of accurately analyzing scientific literature as it relates to professional development
10. Document patient education using a case format incorporating written, charting, and radiographic techniques
11. Apply principles of power driven instrumentation using knowledge of oral anatomy and disease.
12. Demonstrate an understanding of the principles and practice of instrument sharpening
13. Apply knowledge of the caries process to patient care in the clinical setting
14. Apply knowledge of over the counter oral health products to patient care in the clinical setting

STUDENT LEARNING OUTCOMES

DNH 142 Dental Hygiene II builds on the fundamentals acquired in DNH 141 to provide the knowledge, skill and attitudes that will enable students to reach the following competencies expected of new graduates:

Domain: Ethical Values and Professionalism

- Apply the ADHA Code of Ethics as a guide for ethical consciousness, decision-making, and practice.
- Adhere to state & federal laws, regulations, & recommendations in the provision of dental hygiene care.
- Serve all patients without discrimination, appreciating population diversity.
- Communicate effectively with patients, families, communities and other health professionals in a responsive and responsible manner using verbal, non-verbal, written & electronic communication skills

Domain: Health promotion and Community Involvement

- Provide screening, referral, and educational services that allow patients to access the resources of the health care system.

Domain: Professional Commitment and Development

- Evaluate professional issues and scientific literature to make evidence-based decisions

Domain: Dental Hygiene Process of Care

- Provide accurate, consistent & complete documentation for assessment, diagnosis, planning, implementation, evaluation & documentation of dental hygiene services.
- Use principles of risk management to assess & manage risk, and prevent liability.
- Utilize critical thinking and problem solving skills.
- Evaluate and integrate evidence based research outcomes with clinical expertise and patient values.
- Support optimal oral wellness for all patients.

TOPICAL DESCRIPTION

- Treatment Planning and Time Management
- Designing Plaque Control Programs to Meet Patient Needs;
- Adjunct Oral Hygiene Aids
- Power Driven Scalers
- Analyzing Scientific Literature & Writing Abstracts
- Anesthetics in Dental Hygiene Practice: Local and Topical
- Instrument Sharpening
- The Caries Process
- Care of Edentulous/Partially Edentulous Patients
- Dental Indices
- Fluoride Products & Home Programs
- Cross Cultural Dental Hygiene
- Vitality Testing
- Dentin Hypersensitivity
- Instrumentation principles and instrumentation techniques will be reinforced throughout the course. The student will learn through reading, lecture, assignments, tests, and clinical competencies.