Montgomery County Community College
DHG 158
Theory and Practice of Dental Hygiene II
5-2-12

COURSE DESCRIPTION:
This course is designed to provide the dental hygiene student with the opportunity to expand knowledge and experience in planning and providing oral health services. Topics include nutritional counseling, instrumentation, prevention education and communication, desensitization, tobacco cessation, ethics as well as the hygienist's role in dental specialties. Focus is placed on the student's development of skills in communication and treatment of patients through the lifespan as well as functioning in clinic in an effective and efficient manner. Students provide educational and clinical services with an emphasis on comprehensive care for child and adult clients at the Central Campus' dental hygiene clinic. This course is subject to a course fee.

PREREQUISITE(S):
DHG 100-Theory & Practice of Dental Hygiene I
DHG 111-Dental Anatomy
DHG 113 – Histology and Embryology
DHG 155 - Dental Radiography

PREVIOUS OR CONCURRENT COURSE REQUIREMENTS:
DHG 157- Pathology of the Oral Tissues
DHG 161 - Periodontics I

LEARNING OUTCOMES Upon successful completion of this course, the student will be able to:	LEARNING ACTIVITIES	EVALUATION METHODS
1. Utilize motivational interviewing	Lecture Group Discussion Case Studies Clinical Experience Learning Modules	Case-Based Exams Discussion Board Clinical Assessment Skill Competencies Projects
2.Describe patient management through lifespan.	Lecture Group Discussion Case Studies Clinical Experience Learning Modules	Case-Based Exams Wellness Philosophy Paper Clinical Assessment and Skill Competencies Projects
3.Demonstrate calculus removal	Clinical Experience Self-evaluation	Clinical Assessment and Skill Competencies

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
4. Differentiate between dental specialties.	Lecture Group Discussion Case Studies Clinical Experience	Case-Based Exams Clinical Assessment and Skill Competencies Projects
5. Apply ethical decision	Lecture Group Discussion Case Studies Clinical Experience	Case-Based Exams Clinical Assessment and Skill Competencies Projects
6. Discuss role of nutrition in oral health	Lecture Group Discussion Collaborative Assignments Clinical Experience Self-Evaluation	Case-Based Exams Clinical Assessment and Skill Competencies Projects

At the conclusion of each semester/session, assessment of the learning outcomes will be completed by course faculty using the listed evaluation method(s). Aggregated results will be submitted to the Director of Educational Effectiveness. The benchmark for each learning outcome is that *70% of students will meet or exceed outcome criteria*.

SEQUENCE OF TOPICS:

1. Instrument Selection: Ultrasonic/Intro to Air Handy/Intro to Intraoral Camera
2. Ethical Decision Making
3. Care of Dental Appliances
4. Communication and Change Theories/Prevention Education
5. Motivational Interviewing/Dental Hygiene Diagnosis/ Risk Assessment/ Treatment Planning
6. Tobacco Cessation
7. Oral Piercings/ Diet and Nutrition in Oral Health and disease/ Nutritional Counseling/Cultural Diversity
8. Product Evaluation
9. Instrument Sharpening
10. Role of CAMBRA/Fluoride Therapy
11. Dentinal Hypersensitivity/Role of Non-Injectable Anesthesia
12. Life Span Approach to Dental and Dental Hygiene Care
13. Dental Specialties

LEARNING MATERIALS:

Required Texts:

- Boyd, Linda, et al. *Clinical Practice of the Dental Hygienist* (14th ed.). Jones and Bartlett Learning, 2023.

- Pieren, Jennifer and C. Gadbury-Amyot. *Darby and Walsh Dental Hygiene: Theory and Practice* (6th ed.) Elsevier, 2025.

- Gehrig, Jill, et al. *Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation* (9th ed.). Jones and Bartlett Learning. 2026.

- Gehrig, Jill, et al. *Patient Assessment Tutorials: A Step-by-Step Guide for the Dental Hygienist.* (4th ed, enhanced). Jones and Bartlett Learning. 2018.

- American Dental Association, *Chairside Instructor* (11th ed.).

Required Materials:

- 1st year instrument kit-purchased through specialized course materials form
- 1st year supply kit-purchased through specialized course materials form DHG
- Loupes -purchased through specialized course materials form
- DHG clinical uniform

Other:

Clinic Handbook, Montgomery County Community College
Proctor and Gamble Learning Continuing Education Modules provided on www.dentalcare.com

Other learning materials may be required and made available directly to the student and/or via the College's Libraries and/or course management system.

COURSE APPROVAL:

Prepared by: Rosemary Herman, RDH, M.Ed. Date: 1/2010
VPAA/Provost Compliance Verification: Dr. John C. Flynn, Jr. Date: 4/27/2010

Revised by: Jenny Sheaffer Date: 10/16/2012
VPAA/Provost or designee Compliance Verification:
Victoria L. Bastecki-Perez, Ed.D. Date: 11/1/2012

Revised by: Rosemary Herman, RDH, M.Ed. Date: 12/14/2017
VPAA/Provost or designee Compliance Verification: Date: 1/8/2018

Revised by: Kimberly Beadencup Date: 3/23/2023
VPAA or designee Compliance Verification: Date: 4/25/2023

Revised by: Deborah Gnutti, MA, RDH Date: 2/26/2025
VPAA/Provost or designee Compliance Verification:
Chae Sweet, Ed.D. Date: 3/20/2025

Revised by: Deborah Gnutti, MA, RDH Date: 10/2025

VPAA or designee Compliance Verification: Date: 11/25/2025

This course is consistent with Montgomery County Community College's mission. It was developed, approved, and will be delivered in full compliance with the policies and procedures established by the College.