



# ILLINOIS VALLEY COMMUNITY COLLEGE

## COURSE OUTLINE

**DIVISION:** Health Professions

**COURSE:** DLH 1210 Clinic I

Date: Spring 2024

Credit Hours: 3

*Complete all that apply or mark "None" where appropriate:*

Prerequisite(s): Successful Completion of DLH 1200 Pre-Clinic with C or better.

Enrollment by assessment or other measure?  Yes  No

If yes, please describe:

Corequisite(s): None

Pre- or Corequisite(s): DLH 1205 Dental Hygiene I

Consent of Instructor:  Yes  No

Delivery Method:	<input type="checkbox"/> Lecture	0 Contact Hours (1 contact = 1 credit hour)
	<input type="checkbox"/> Seminar	0 Contact Hours (1 contact = 1 credit hour)
	<input type="checkbox"/> Lab	0 Contact Hours (2-3 contact = 1 credit hour)
	<input checked="" type="checkbox"/> Clinical	9 Contact Hours (3 contact = 1 credit hour)

Offered:  Fall  Spring  Summer

**CATALOG DESCRIPTION and IAI NUMBER (if applicable):**

This course requires the student to operate under supervisions a specific amount or oral prophylaxis in child and adult patients; identify and remove supragingival calculus, periodontal examinations, fluoride application, ultrasonic scaling, irrigation, periodontal assessment, and treatment planning, recall systems. Continuation of material learned in Pre-Clinic and Dental Hygiene I.

## ACCREDITATION STATEMENTS AND COURSE NOTES:

- Standard 2: Educational Program:

- Curriculum:

2-8 The curriculum must include content in the following four areas: general education, biomedical sciences, dental sciences and dental hygiene science. This content must be integrated and of sufficient depth, scope, sequence of instruction, quality, and emphasis to ensure achievement of the curriculum's defined competencies. A curriculum document must be submitted for each course included in the dental hygiene program for all four content areas.

2-8d Dental hygiene science content must include oral health education and preventive counseling, health promotion, patient management, clinical dental hygiene, provision of services for and management of patients with special needs, community dental/oral health, medical and dental emergencies, legal and ethical aspects of dental hygiene practice, infection and hazard control management, and the provision of oral health care services to patients with bloodborne infectious diseases.

2-9 The basic clinical education aspect of the curriculum must include a formal course sequence in scientific principles of dental hygiene practice, which extends throughout the curriculum and is coordinated and integrated with clinical experience in providing dental hygiene services.

Patient Care Competencies:

2-12 Graduates must be competent in providing dental hygiene care for the child, adolescent, adult, and geriatric patient. Graduates must be competent in assessing the treatment needs of patients with special needs.

- Patient Care Competencies:

2-13 Graduates must be competent in providing the dental hygiene process of care which includes:

a) Comprehensive collection of patient data to identify the physical and oral health status.

b) Analysis of assessment findings and use of critical thinking in order to address the patient's dental hygiene treatment needs.

c) Establishment of a dental hygiene care plan that reflects the realistic goals and treatment strategies to facilitate optimal oral health.

d) Provision of patient-centered treatment and evidence-based care in a manner minimizing risk and optimizing oral health

2-14 Graduates must be competent in providing dental hygiene care for all types of classifications of periodontal disease including patients who exhibit moderate to severe periodontal disease.

2-15 Graduates must be competent in interpersonal and communication skills to effectively interact with diverse population groups and other members of the health care team.

2-16 Graduates must demonstrate competence in:

b) Planning an oral health program to include health promotion and disease prevention activities

c) Implementing the planned program, and,

d) Evaluating the effectiveness of the implemented program.

2-18 Where graduates of a CODA accredited dental hygiene program are authorized to perform additional functions required for initial dental hygiene licensure as defined by the program's state specific dental board or regulatory

agency, program curriculum must include content at the level, depth, and scope required by the state. Further, curriculum content must include didactic and laboratory/preclinical/clinical objectives for the additional dental hygiene skills and functions. Students must demonstrate laboratory/preclinical/clinical competence in performing these skills.

- **Ethics and Professionalism:**

2-19 Graduates must be competent in the application of the principles of ethical reasoning, ethical decision making and professional responsibility as they pertain to the academic environment, research, patient care, and practice management.

2-20 Graduates must be competent in applying legal and regulatory concepts to the provision and/or support of oral health care services.

Critical Thinking:

2-22 Graduates must be competent in the evaluation of current scientific literature.

2-23 Graduates must be competent in problem solving strategies related to comprehensive patient care and management of patients.

## **COURSE TOPICS AND CONTENT REQUIREMENTS:**

I. Health history completion

II. Oral conditions

a. Extra-oral inspections

b. Intra-oral inspections

III. Asepsis throughout clinical procedures

IV. Oral physiotherapy techniques for the patient

V. Coronal polish

VI. Polish fixed partial dentures

VII. Chart all existing hard tissue conditions

VIII. Apply appropriate caries preventive agents

a. Fluoride

IX. Dental radiographs

a. Expose

b. Process

c. Interpret radiographs

X. Ultrasonic scaling device

a. Each student must complete competency skill evaluations for each of the following procedures: \*Pre-patient day

b. \*Extra- and intra-oral examination

c. \*Charting existing conditions

d. \*Application of topical fluorides

e. \*Use of periodontal probe; mirror and explorer

f. Use of ultrasonic scalers

g. Coronal polishing

h. \*Infection control

i. \*Sickle scalers (H6/H7 and 204S)

j. Universal curettes (Columbia) Gracey curettes (area specific: ant/post)

## **INSTRUCTIONAL METHODS:**

- Demonstration
- Visual aids
- Clinical practice of skills
- Clinical practical evaluation

## **EVALUATION OF STUDENT ACHIEVEMENT:**

Demonstrations

Clinical Skill Evaluations

A grade of "C" is required for graduation from the Dental Hygiene Program. The following grading scale will be used as a guide in determining the final grade in this course.

A= 92-100

B= 83-91

C= 75-82

D= 68-74

F= 67 and below

## **INSTRUCTIONAL MATERIALS:**

### **Textbooks**

Bowen, D. M., & Pieren, J. A. (2019). *Darby and Walsh Dental Hygiene: Theory and Practice*, (5th ed.). Elsevier Inc.

Gehrig, J. (2019). *Fundamentals of Periodontal Instrumentation & Advanced Root Instrumentation* (8th ed.). Jones & Bartlett Learning.

Blue, C. M. (2017). *Darby's Comprehensive Review of Dental Hygiene* (8th ed.). Elsevier Inc.

### **Resources**

Navigate 2 Advantage Fundamentals of Periodontal Instrumentation & Advanced Root Instrumentation, Enhanced 8e

## **LEARNING OUTCOMES AND GOALS:**

### **Institutional Learning Outcomes**

- 1) Communication – to communicate effectively.
- 2) Inquiry – to apply critical, logical, creative, aesthetic, or quantitative analytical reasoning to formulate a judgement or conclusion.
- 3) Social Consciousness – to understand what it means to be a socially conscious person, locally and globally.
- 4) Responsibility – to recognize how personal choices affect self and society.

## **Course Outcomes and Competencies**

1. Complete a health history and utilize this information to plan dental hygiene care
2. Record all oral conditions found during extra- and intra-oral inspections
3. Demonstrate asepsis throughout the clinical procedures
4. Teach patients various oral physiotherapy techniques
5. Satisfactorily polish teeth and fixed partial dentures
6. Chart all existing hard tissue conditions
7. Properly apply appropriate caries preventive agents
8. Satisfactorily expose, process, and interpret radiographs
9. Demonstrate proper use of the ultrasonic scaling device