

DH R050: DENTAL HYGIENE CLINICAL PRACTICE IV

Originator
aderdiarian

College

Oxnard College

Discipline (CB01A)

DH - Dental Hygiene

Course Number (CB01B)

R050

Course Title (CB02)

Dental Hygiene Clinical Practice IV

Banner/Short Title

DH Clinical Practice IV

Credit Type

Credit

Start Term

Summer 2021

Catalog Course Description

This course provides clinical practice for students as they prepare to take the state dental hygiene licensure examination. Limitations on Enrollment: Physical/clinical examination (within the last year); Negative Tuberculosis Mantoux test or chest x-ray; Hepatitis B vaccine and titer; Tetanus vaccine; Titers showing immunity to Rubella, Rubeola and Varicella; CPR certification. This course is offered Pass/No Pass (P/NP) at student's option and is not degree applicable.

Taxonomy of Programs (TOP) Code (CB03)

1240.20 - *Dental Hygienist

Course Credit Status (CB04)

C (Credit - Not Degree Applicable)

Course Transfer Status (CB05) (select one only)

C (Not transferable)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

B - Advanced Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

May be required

Grading method

Letter Graded

Alternate grading methods

Student Option- Letter/Pass

Pass/No Pass Grading

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Minimum Contact/In-Class Lecture Hours

None

Maximum Contact/In-Class Lecture Hours

None

Activity

Laboratory

Minimum Contact/In-Class Laboratory Hours

52.5

Maximum Contact/In-Class Laboratory Hours

52.5

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

52.5

Total Maximum Contact/In-Class Hours

52.5

Outside-of-Class**Internship/Cooperative Work Experience**

Paid

Unpaid

Total Outside-of-Class**Total Outside-of-Class****Minimum Outside-of-Class Hours**

0

Maximum Outside-of-Class Hours

0

Total Student Learning**Total Student Learning****Total Minimum Student Learning Hours**

52.5

Total Maximum Student Learning Hours

52.5

Minimum Units (CB07)

1

Maximum Units (CB06)

1

Prerequisites

DH R040 and DH R041 and DH R042 and DH R043 and DH R044 and DH R045

Limitations on Enrollment

Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross)

Proof of freedom from and immunity to communicable diseases

No acrylic or long nails in clinical settings

Current negative TB test or chest x-ray

Physical examination demonstrating general good health

No visible tattoos or visible body piercings except single studs in earlobes

Entrance Skills**Entrance Skills**

Students must have achieved a competent level of clinical skills in delivering patient care at a competent level incorporating all levels of patient care.

Prerequisite Course Objectives

DH R040-Illustrate advanced root instrumentation

DH R040-Illustrate the use of alternative fulcrums and reinforced finger rests

DH R040-Practice instrumentation utilizing modified periodontal instruments (Mini Five, Curvettes, Langer Curets)

DH R040-Illustrate the maintenance of dental implants

DH R040-List examples of common root morphology problems encountered that make exploration difficult

DH R040-Describe the conditions that most likely cause burnished calculus

DH R040-Describe the difference between hoes, files, and sickles

DH R040-List the criteria for selection of an appropriate state board patient

DH R040-Describe reasons for failure to pass the California state board examination

DH R040-Describe the most common occupational hazards for dental hygienists

DH R040-Describe the relationship of operator body positioning, patient body and head positioning, and the reduction of injury to the dental hygienist

DH R040-Describe the advantages of reinforced scaling
DH R040-Practice the actions of each reinforcement finger(s) on the instrument
DH R041-Analyze various patient communication and education strategies
DH R041-Explain how personnel management skills relate to other management skills
DH R042-Assess the elements involved in and rationale behind dental specific treatment plans, especially for patients who present with advanced periodontal involvement
DH R042-Appraise and recognize the requirements for the state board exam
DH R042-Predict the elements involved in implementing non-surgical periodontal therapy as it applies in a clinical and private practice setting
DH R042-Describe medical conditions that require treatment modifications prior to or during dental hygiene treatment
DH R042-Evaluate the periodontium, and identify conditions that compromise periodontal health and function
DH R043-Manage advanced dental hygiene treatment of adult and child patients
DH R043-Illustrate appropriate dental hygiene techniques in scaling, polishing, and fluoride application
DH R043-Illustrate appropriate oral inspections, cancer screening, dental and periodontal charting, and nutritional counseling
DH R043-Illustrate proper techniques in ultrasonic scaling, taking alginate impressions, making study models, and pit and fissure sealants
DH R043-Illustrate proper technique in the administration of local anesthetic and nitrous oxide oxygen sedation
DH R044-Evaluate and relate a community oral health education project in an adult population
DH R045-List and discuss the various levels of legal duties for the RDH in the State of California
DH R045-Demonstrate an appreciation for the role of accurate and appropriate record keeping in the prevention of malpractice
DH R045-Define the basic principles found in health care ethics
DH R045-Explain how the principle of "Informed Consent" is derived from the basic principle of autonomy
DH R045-Give instances in which the practitioner would have legal requirements to report confidential matters that relate to health care
DH R045-List safeguards that should be considered in regards to allowing access to confidential patient records

Requisite Justification

Requisite Type

Prerequisite

Requisite

DH R040

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

DH R041

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

DH R042

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

DH R043

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

DH R044

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

DH R045

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Student Learning Outcomes (CSLOs)**Upon satisfactory completion of the course, students will be able to:**

- | | |
|---|--|
| 1 | Describe clinical criteria for selection of clinical board patient. |
| 2 | Demonstrate correct periodontal instrumentation technique using hand instruments. |
| 3 | Demonstrate correct periodontal instrumentation technique using automated instruments. |
| 4 | Demonstrate ability to determine end-point of periodontal instrumentation. |

Course Objectives**Upon satisfactory completion of the course, students will be able to:**

- | | |
|---|---|
| 1 | Screen, evaluate and select patients as candidates for use for the state licensure exam |
| 2 | Manage advanced dental hygiene treatment of state licensure exam appropriate patients |
| 3 | Illustrate appropriate dental hygiene techniques in scaling, polishing, and fluoride application as appropriate for state licensure exam |
| 4 | Illustrate appropriate oral inspections, cancer screening, dental and periodontal charting, and nutritional counseling as applicable for state licensure exam |
| 5 | Illustrate proper techniques in ultrasonic scaling as appropriate for state licensure exam |

- 6 Illustrate proper technique in the administration of local anesthetic and nitrous oxide oxygen sedation as appropriate for state licensure exam

Course Content

Lecture/Course Content

Lab class only

Laboratory or Activity Content

1. Screening medical history and appropriate treatment modification identified.
2. Perform and document Intra and Extraoral examinations.
3. Patient Selection identify an appropriate clinical licensure examination patient.
4. Effective clinical calculus removal for a qualifying licensure quality patient.
5. Selection and safe administration of local anesthetic for area selected to be treated.
6. Demonstration of proper infection control during a simulated licensure examination.
7. Instrumentation Choices during Board Exam
8. Ultrasonic Scaling Device Use during Board Exam

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Clinical demonstration

Problem-Solving Assignments

Skills demonstrations

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Case studies

Instructor-guided interpretation and analysis

Instructor-guided use of technology

Practica

Describe specific examples of the methods the instructor will use:

Instructors will guide student decision making in selecting patients meeting state board licensure requirements, recognize and document all aspects of patient intraoral and extraoral examinations, assess student ability to properly anesthetize area of treatment, assess scaling abilities in adequately removing board quality calculus without resulting in soft tissue trauma.

Representative Course Assignments

Writing Assignments

None

Critical Thinking Assignments

Students will use critical thinking skills to understand exam criteria and select a patient meeting all of the requirements.

Reading Assignments

1. Students will be instructed to review the candidate information from the dental hygiene state licensure examination
2. Students may be instructed to review material from Periodontal Instrumentation (Pattison)
3. Students may be instructed to review material from Clinical Practice of the Dental Hygienist (Wilkins)
4. Students may be instructed to review material about Dental Radiology

Skills Demonstrations

Students will be delivering patient care in a safe manner. Students will demonstrate competence in the use of the ultrasonic scaler and inserts. The students will need to demonstrate the correct selection of ultrasonic inserts for the appropriate treatment plan.

Students will demonstrate advanced instrumentation techniques on advanced cases. During this course, students will be able to provide more advanced treatment of adult and child patients, demonstrate various clinical procedures utilizing scaling and polishing techniques, demonstrate extraoral and intraoral inspections, cancer screening, and dental and periodontal charting, deliver plaque control instruction, and demonstrate and explain fluoride applications.

Other assignments (if applicable)

1. Practice of scaling on typodont

Outside Assignments

Representative Outside Assignments

None

Textbooks and Lab Manuals

Resource Type

Textbook

Description

Nield-Gehrig, J. S. (2017). *Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation* (7th). Baltimore, MD Lippincott Williams & Wilkins. 9781609133

Resource Type

Other Instructional Materials

Description

Typodonts, dental instruments, and dental equipment for physical demonstrations.

Primary Minimum Qualification

DENTAL TECHNOLOGY

Additional local certifications required

All dental hygiene program faculty members must possess a baccalaureate or higher degree in a course related field and must have current knowledge of the specific subjects they are teaching and background in appropriate educational methodology. Dentists or dental hygienists who supervise students' clinical procedures must have qualifications which comply with the state dental or dental hygiene practice act. For this class, an instructor must have a license, such as a license to practice dentistry or dental hygiene, which covers the rendering of dental hygiene treatment and administration of local anesthetic.

Review and Approval Dates

Department Chair

04/27/2020

Dean

04/27/2020

Technical Review

05/13/2020

Curriculum Committee

05/13/2020

Curriculum Committee

12/09/2020

CCCCO

MM/DD/YYYY

Control Number

CCC000236242

DOE/accreditation approval date

MM/DD/YYYY