

CURRICULUM

Subject Code and Course Number: DH 101B

Division : Health Sciences

Course Title : FUNDAMENTALS OF DENTAL HYGIENE THEORY AND PRACTICE

Summarize the need/purpose/reason for this proposal

Review of course descriptions, SLOs, SPOs, and CCOs

SLOs (Student Learning Outcomes)

1.Perform and properly record the findings of a comprehensive client assessment and utilize the information gathered to devise a complete dental hygiene care plan that meets the individual needs of the client.

2.Demonstrate their ability to safely and effectively provide comprehensive dental hygiene care.

SPOs (Student Performance Objectives)

- 1a. Take, record and evaluate medical/dental history, vital signs.
- 1b. Perform clinical physical exam.
- 1c. Describe prevention, recognition and management of medical emergencies
- 1d. Perform periodontal evaluation; assess calculus, dentinal hyper-sensitivity, patient status and abnormal swallow.
- 1e. Measure and record plaque according to specified indices.
- 1f. Describe dental caries etiology, control and prevention.
- 1g. Describe roles of fluorides in dentistry.
- 1h. Demonstrate knowledge of thorough and accurate recordkeeping by appropriate documentation.
- 2a. Utilize basic and advanced dental hygiene examination and scaling instruments and techniques.
- 2b. Apply principles of instrument sharpening and recontouring.
- 2c. Utilize extraoral finger rests on selected cases.
- 2d. Utilize ultrasonic and sonic scalers on selected cases.
- 2e. Apply principles of medical emergency prevention to dental hygiene appointment.
- 2f. Instruct patient in use of basic and supplementary oral hygiene techniques and aids.
- 2g. Apply principles of nutritional counseling to selected patients.
- 2h. Apply principles of infection control to instrument and surfaces handling and operator protection.
- 2i. Demonstrate handling of dental prosthetic devices in dental hygiene appointment.
- 2j. Describe and utilize topical medicaments for desensitization and pain control.
- 2k. Explain principles of kinesics and apply to dental hygiene appointment.
- 2l. Apply principles of professionalism to communication with classmates, staff, and patients.

CCOs (Course Content Outline)

- I. Clinical dental hygiene skills
 - A. introduction to advanced instruments and scaling
 - B. root planing
 - C. ultrasonic, sonic scaling
 - D. instrument sharpening, recontouring
 - E. extraoral finger rests
- II. Patient evaluation
 - A. vital signs measurement and

evaluation

- B. medical/dental history evaluation
- C. clinical physical exam; oral cytology

III. Medical emergencies

- A. prevention
- B. recognition
- C. management

IV. Introduction to treatment planning

- A. periodontal evaluation
- B. calculus assessment
- C. dentinal hypersensitivity
- D. caries and restorations
- E. patient status

V. Oral disease control and health education strategies

- A. data collection, plaque indices
- B. oral hygiene instruction
- C. supplementary patient oral hygiene techniques and aids
- D. nutritional counseling

VI. Clinical infection control

- A. instrument handling
- B. operator protection
- C. barriers

VII. Dental caries

- A. etiology
- B. control and prevention

VIII. Roles of fluorides in dentistry

IX. Dental prosthetics

X. Abnormal swallow

XI. Topical medicaments

- A. fluorides for desensitization
- B. anesthetics

XII. Kinesics of dental hygiene appointment

XIII. Documentation

- A. services rendered or offered to patient
- B. information provided to patient
- C. additional care needed by patient

XIV. Professionalism

- A. Attitude
 - 1. classmates
 - 2. faculty/staff communication
- B. Patient communication

Methods of Instruction

Lectures with power point presentations and reading and written homework assignments to prepare the students to participate in the discussion of weekly topics.

Methods of Evaluation of Student Performance

In the laboratory/clinic sessions, a Daily Progress Report or Clinic Evaluation Form will be used to provide feedback to the students. Skill evaluations will be given on designated dental hygiene services. Written homework and examinations will be utilize in the lecture portion of the course.

Assignments

Design a written patient case history utilizing the "Special Patient" report guidelines.

Complete a nutrition and oral hygiene plan for a clinic client utilizing the Plaque Control Record and One Day Diet Diary.

TECHNICAL DETAILS

Catalog Description

Fundamentals of Dental Hygiene Theory and Practice including preventive, educational and therapeutic services provided by the dental hygienist. Practical application on selected patients. Total of 36 hours lecture and 162 hours laboratory.

Prerequisite(s)

Corequisite(s)

DH 105, 116, and 141.

Recommended Preparation

Enrollment Limitations

Acceptance into the dental hygiene program.

Instructional Activities associated with TBA

Units : 5.0

CREDIT COURSE OUTLINE

Credit Type : D Credit – Degree Applicable



Maximum Course Units :

Minimum Course Units:

Computed Total Carnegie Units :

Course Unit Totals in Agreement? : No

Course Units Carnegie Compliant by Type and Mode? : Yes

Course Units Carnegie Compliant in Total?: Yes

Total Course Hours by Type and Mode

COURSE HOURS	LECTURE	LAB	ACTIVITY
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Scheduled Class Meetings

TBA Hours, Determinate Schedule

***Other Arranged Hours, Variable Schedule**

(*Student is required to meet the same number of arranged hours each day or each week)

Override Computed Course Units if Necessary

COURSE HOURS	LECTURE	LAB	ACTIVITY
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Scheduled Class Meetings

TBA Hours, Determinate Schedule

***Other Arranged Hours, Variable Schedule**

Projected Student Registration and Attendance

COURSE ATTENDANCE

Registration Capacity

Projected Census Enrollment [Total]

Projected Census Enrollment [Resident]

Projected Census Enrollment [NonResident]



Projected PA Hours [Total]

Projected PA Hours [Resident]

Projected PA Hours [NonResident]

COURSE VALUES (TOTAL)

Scheduled Class Hours Regular TBA Hours Variable Arranged Hours

LEC LAB ACTV LEC LAB ACTV LEC LAB ACTV TOTALS

Course Hours

Course Units

Load Factor

LHE

FTEF

STUDENT AND FACULTY WORKLOADS (WEEKLY, FULL-TERM)

Scheduled Class Hours Regular TBA Hours Variable Arranged Hours

STUDENTS LEC LAB ACTV LEC LAB ACTV LEC LAB ACTV TOTALS

**Instructional
Hours**

Study Hours

Total

FACULTY

**Instructional
Hours**

**Preparatory
Hours**

Total

Repeatability : [Not Repeatable](#)

The repeatable restrictions apply for Credit Courses do not apply to Non-Credit Courses. Only Non-Credit Courses can be repeated on unlimited number of times.

Reason for Repeatability:

- ☐ Courses for which repetition is necessary to meet major requirements of CSU or UC for completion of a bachelor's degree.
- ☐ Intercollegiate academic or vocational competition
- ☐ Intercollegiate Athletics

Methods of Delivery

- ☒ Face-to-Face
- ☐ On-Line – Primarily taught via Internet
- ☐ Hybrid – Blend of On-Campus and On-Line
- ☐ ITV – Instructional T.V.

Maximum Class Size (NCN) **18**

Minimum Qualifications (Discipline)

DENTAL TECHNOLOGY

Semester of First Offering **Summer 2015**

Default Grading Option

L - Course taken for letter grade only

Non-Default Grading Option

- ☐ B - Course for grade or pass/no pass
- ☐ E - CE - By Exam
- ☐ U - NG - Non-Graded course
- ☐ N - Non-Credit course
- ☐ P - Course taken for pass/no pass
- ☐ L - Course taken for letter grade only
- ☐ A - Audit

COURSE APPLICABILITY, TRANSFER AND ARTICULATION

Course Credit Status: **D Credit – Degree Applicable**

State Transfer Code: **C1 Not Transferable, AA/AS Degree**

State Classification Code: **I Career-Technical Education**

Basic Skills Status/Level: **Y NA**

☐ Aligns with C-ID Descriptor

Purpose of Course

- ☐ UC Transferable
- ☐ IGETC Area: Specify Area

☐ Gen Ed. Local AA degree: Please specify

☐ AA/AS Diversity Requirement in:

☐ Global Studies

☐ Ethnic & Gender Studies

☐ Other: Please specify

☒ CareerTech Certificate: Indicate name of Certificate(s)

Certificate of Achievement in Dental Hygiene

REPRESENTATIVE TEXTBOOKS OR OTHER MATERIALS
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Book 1 Author : Nield-Gehring
Title : Fundamentals of Periodontal Instrumentation
Publisher: Lippincott, Williams, & Wilkins
Date of Publication: 2012
Edition: 7th

Book 2 Author : Malamed, S.
Title : Medical emergencies in the dental office
Publisher: Mosby
Date of Publication: 2007
Edition: 6th

Book 3 Author : Pattison, A.M., Pattison, G.L.
Title : Periodontal Instrumentation
Publisher: Appleton & Lange
Date of Publication: 1994
Edition: 2nd

Book 4 Author : Wilkins, E.
Title : Clinical Practice of the Dental Hygienist
Publisher: LWW
Date of Publication: 2013
Edition: 11th

Book 5 Author : Darby, M.L., Walsh, M.M.
Title : Dental Hygiene Theory and Practice
Publisher: Saunders
Date of Publication: 2010
Edition: 3rd



Other materials and/or supplies required of students:

Current edition of the Dental Hygiene Program Handbook

RESOURCES & DEPARTMENT PLANNING

Additional Resources Needed:

Facilities Needed to Teach this Course:

Equipment Needed to Teach this Course:

PROGRAM APPLICABILITY

Program Information

- ☒ In an approved program.
☐ Part of a new program.
☐ Not part of an approved program.

Program Category

- ☐ General Education
☒ Career and Technical Education Program
☐ Noncredit Program

Instructional Methods

- ☒ Lecture
☒ Lab
☒ Lecture & Lab
☐ Distance Ed / Online Course
☐ Work Experience
☐ Independent Study
☐ TBA

TOP Code Information

Program title - TOP Code: **124020 *Dental Hygienist**

SAM Code

- ☐ A - Apprenticeship course (Courses offered to apprentices only.)
☐ B - Advanced occupational (Courses taken in the advanced stages of an occupational program. Each "B" level course must have a "C" level prerequisite in the same program area.)
☒ C - Clearly occupational (Courses taken in the middle stages of an occupational program. Should provide the student with entry-level job skills.)

- ☐ D - Possibly occupational (Courses taken in the beginning stages of an occupational program.)
- ☐ E Non-occupational

NON CREDIT ONLY

Funding Category

- ☐ A English as a Second Language
- ☐ B Immigrant Education
- ☐ C Elementary & Secondary Education
- ☐ D Health & Safety Education
- ☐ E Education Programs for Persons with Substantial Disabilities
- ☐ F Parenting Education
- ☐ G Family & Consumer Sciences
- ☐ H Education Programs for Older Adults
- ☐ I Short-term Vocational Programs With High Employment Potential
- ☐ J Workforce Preparation Enhanced Funding
- ☐ K Other Non-Credit Enhanced Funding
- ☐ L Non-enhanced Funding