

FORM FOR REQUEST FOR CHANGE IN UNDERGRADUATE PROGRAM

ORIGINAL

Program: The Dental Hygiene Program

Formal Option: _____ or Specialty Field _____
(if applicable) (if applicable)

Department: Natural Science and Health Technologies Division College: Lexington Community College

Degree title: Associate in Applied Science Bulletin pp.: UK page 192, LCC Page 51 & 87

CIP Code: A51.0602 UK ID No.: _____ HEGIS CODE: _____

Accrediting Agency (if applicable): Commission on Dental Accreditation, American Dental Association

I. PROPOSED CHANGE(S) IN PROGRAM REQUIREMENTS

Particular University Studies Requirements or Recommendations for this program*

* **Not applicable. This is a community college program.**

Current

Proposed

English Writing:

Communication:

Mathematics:

Area I (Natural Science)

Area II (Social Science)

Area III (Humanities)

Area IV (Cross-disciplinary component)

Area V (Non-western cultural component)

2. College Depth and Breadth of Study Requirements (if applicable) (including particular courses required or recommended for this program) NOTE: To the extent that proposed changes in 2. through 6. involve additional courses offered in another program, please submit correspondence with the program(s) pertaining to the availability of such courses to your students.*

* **Not applicable. This is a community college program.**

Current

Proposed

3. Premajor or Preprofessional Course Requirements (if applicable)*
Not applicable. This is a Community College Program.

Current

Proposed

Total Hours:

4. Credit Hours Required

Current: 75-79 Proposed: 76-82

a. Total Required for Graduation: current 75-79 (proposed 76-82)

b. Required by level: current

100	<u>53-56</u>	200	<u>22-23 (proposed 23-24)</u>
300	<u>NA</u>	400-500	<u>NA</u>

c. Premajor or Preprofessional (if applicable) **Not applicable. This is a community college program.**

d. Field of Concentration (if applicable) **Not applicable.**

e. Division of Hours Between Major Subject and Related Field (if applicable) **Not applicable.**

f. Hours Needed for a Particular Option or Specialization (if applicable) **Not applicable.**

g. Technical or Professional Support Electives (if applicable) **Not applicable.**

h. Minimum Hours of Free or Supportive Electives [Required] **Not applicable.**

5. Major or Professional Course Requirements N/A

Current:

Proposed:

6. Minor Requirements (if applicable))*

* **Not applicable. This is a community college program.**

Current:

Proposed

Total Hours: _____

7. Rationale for Change(s): (If rationale involves accreditation requirements, please include specific references to those requirements.)

Dental Hygiene Program faculty regularly assess the competencies of the graduates in light of current standards of practice. The recommended changes therefore have evolved from assessments such as looking at current national board exam material and also reflects the scope and variety of medical conditions seen by hygienists today. This lead to the proposal to add 1 hour of lecture to DHY 222 Special Needs Patients. It will go from 2 credit hours to 3 credit hours. Additionally, the

development of the elective course in Local Anesthesia reflects changes in the Kentucky State Dental Practice Act.

8. List below the typical semester by semester program for a major.

Current:

FIRST YEAR

Summer Session

BSL	110	Human Anatomy and Physiology I*	4
BSL	111	Human Anatomy and Physiology II*	<u>4</u>
			8

Fall Semester

DHY	120	Dental Hygiene I	5
DHY	121	Oral Biology I	3
ENG	101	Writing I*	3
BSL	212	Medical Microbiology <i>or</i>	4
BIO	208	Principles of Microbiology	<u>(3)</u>
			14-15

Spring Semester

DHY	130	Dental Hygiene II	4
DHY	131	Oral Biology II	5
DHY	135	Dental Radiology	3
DHY	136	Periodontics for the Dental Hygienist I	2
ENG	102	Writing II*	<u>3</u>
			17

SECOND YEAR

Summer Session

PY	110	General Psychology*	3
		Oral Communications*	3
NFS	101	Human Nutrition and Wellness	<u>3</u>
			9

Fall Semester

DHY	220	Dental Hygiene III Clinic	4
DHY	222	Special Needs Patients	2
DHY	224	Dental Materials	2
DHY	226	Periodontics for the Dental Hygienist II	2
SOC	101	Introduction to Sociology*	<u>3</u>
			13

Spring Semester

DHY	230	Dental Hygiene IV	4
DHY	235	Principles of Practice	1
DHY	238	Community Dental Health	4
		Heritage/Humanities/Foreign Language*	3-4
		Mathematics Course*	<u>2-4</u>
			14-17

TOTAL CREDITS 75-79

*Denotes General Education Requirement

Proposed:

FIRST YEAR

Summer Session

BSL	110	Human Anatomy and Physiology I*	4
BSL	111	Human Anatomy and Physiology II*	<u>4</u>
			8

Fall Semester

DHY	120	Dental Hygiene I	5
DHY	121	Oral Biology I	3
ENG	101	Writing I*	3
BSL	212	Medical Microbiology <i>or</i>	4
BIO	208	Principles of Microbiology	(3)
			<u>14-15</u>

Spring Semester

DHY	130	Dental Hygiene II	4
DHY	131	Oral Biology II	5
DHY	135	Dental Radiology	3
DHY	136	Periodontics for the Dental Hygienist I	2
ENG	102	Writing II*	<u>3</u>
			7

SECOND YEAR

Summer Session

PY	110	General Psychology*	3
		Oral Communications*	3
NFS	101	Human Nutrition and Wellness	<u>3</u>
			9

Fall Semester

DHY	220	Dental Hygiene III Clinic	4
DHY	222	Special Needs Patients	3
DHY	224	Dental Materials	2
DHY	226	Periodontics for the Dental Hygienist II	2
DHY	229	Local Anesthesia (elective)	(2)
SOC	101	Introduction to Sociology*	<u>3</u>
			<u>14-16</u>

Spring Semester

DHY	230	Dental Hygiene IV	4
DHY	235	Principles of Practice	1
DHY	238	Community Dental Health	4
		Heritage/Humanities/Foreign Language*	3-4
		Mathematics Course*	<u>2-4</u>
			14-17

TOTAL CREDITS **76-82**

*Denotes General Education Requirement

Will this program be printed in the Bulletin? Yes X No

Signatures of Approval:

Department Chair: *Luzyna A. Zell* Date: 10-17-03

Pres
Dean of the College: *[Signature]* Date: 11/2

Date of Notice to the Faculty: _____

Undergraduate Council: _____ Date: _____

Graduate Council: _____ Date: _____

Academic Council for the Med. Ctr: _____ Date: _____

Senate Council: _____ Date of Notice to Univ. Senate: _____
(Chair)

ACTION OTHER THAN APPROVAL: _____

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Additional Information on CCS Forms

- 1 Effective Date: Fall 2004
2. Program Competencies: No changes requested.

Present

Technical Education Learning Outcomes

Upon completion of the program, the graduate should be able to:

- Provide for the oral health needs of individuals and communities by assessing, developing, implementing and evaluating a plan of care.
- Provide oral health care that is tailored to the specific needs of persons with a variety of medical, physical or emotional conditions.
- Recognize and assist in the management of medical and dental emergencies.
- Perform oral prophylaxis including periodontal debridement, scaling, root planing, and selective polishing.
- Utilize concepts of preventive dental care.
- Utilize aseptic technique and universal (standard) precautions.
- Participate in health-related activities in the community.
- Demonstrate behavior in the best interest of the patient.
- Perform decision-making and management skills.
- Recognize the need for, expose, process and mount diagnostically acceptable radiographs.
- Recognize normal landmarks and conditions as well as pathological entities that appear on radiographs.
- Describe the properties and demonstrate the utilization of dental materials.
- Acknowledge that dental hygiene practice is governed by individual state practice acts.
- Identify professional goals and activities.
Recognize the need to update professional skills and knowledge.

General Education Learning Outcomes

Communicate effectively

Students should be able to:

- Write clearly
- Speak clearly
- Read with comprehension
- Listen with comprehension
- Use symbolic language
- Work cooperatively with others
- Use technology to process information

Think critically

Students should be able to:

- Demonstrate problem solving skills
- Analyze creative expressions, resources, and/or data
- Integrate knowledge
- Use logical thinking to draw conclusions

Learn independently

Students should be able to:

- Find, evaluate, and use resources effectively
- Apply learning
- Think creatively
- Value new ideas and differing perspectives

Examine relationships in diverse and complex environments

Students should be able to:

- Define the relationship of self to historical and cultural context
- Define the relationship of self to the biological/physical environment
- Define the relationship of self to the global community
- Use mathematics to analyze physical relationships

Proposed competencies (No changes)

3. Description for LCC catalog:

A. Change in DHY 222

Present:

DHY 222 Special Needs Patients (2)

Focus is on oral healthcare that is tailored to the specific needs of persons with a variety of medical, disabling, or mental conditions. Innovative approaches to serving special care populations are discussed with special emphasis on pharmacological concerns and on treatment modifications (Prerequisite: Completion of DHY 130, DHY 131, DHY 135, DHY 136 and NFS 101 with a grade of C or better.)

Proposed:

DHY 222 Special Needs Patients (3)

Focus is on oral healthcare that is tailored to the specific needs of persons with a variety of medical, disabling, or mental conditions. Innovative approaches to serving special care populations are discussed with special emphasis on pharmacological concerns and on treatment modifications (Prerequisite: Completion of DHY 130, DHY 131, DHY 135, DHY 136 and NFS 101 with a grade of C or better.)

(No change in description just change from 2 to 3 credit hours.)

B. Addition of the elective DHY 229

Present: N/A

Proposed:

DHY 299 Local Anesthesia (2)

Common oral local anesthesia injection techniques and the related background information are addressed in this course. Subjects include: anatomic considerations, armamentarium, basic injection techniques, record keeping, neurophysiology, related pharmacology, patient evaluation, complications and contraindications. The pharmacology, administration and contraindications of nitrous oxide are also included. This elective course satisfies the Kentucky State Dental Practice Act regarding “delegation of block and infiltration anesthesia and nitrous oxide analgesia to dental hygienists.”

4. Summary of How the Proposed Changes Will Result in Changes in the Level or Source of Funding:

The proposed changes add one credit to the overall curriculum. Faculty have anticipated the change in the state practice act and for the past three years, have been offering the local anesthesia course under the DHY 299 Independent Study course. The change from an Independent Study course to a 2 credit hour elective does not add teaching time to this course. Thus, teaching loads will not be significantly impacted by this proposal and no additional funds are being requested.