

APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR

1. Submitted by College of Lexington Community College Date 1/10/2004

Department/Division offering course Dental Laboratory Technology Program / NSHT

2. Changes proposed:

(a) Present prefix and number DN 101 Proposed prefix and number no change

(b) Present Title Dental Morphology I

New Title Dental Morphology

(c) If course title is changed and exceeds 24 characters (including spaces), include a sensible title (not to exceed 24 characters) for use on transcripts:

NA

(d) Present credits: 2 Proposed credits: no change

(e) Current lecture:laboratory ratio 1:3 Proposed: no change

(f) Effective Date of Change: (Semester & Year) Fall 2004

3. To be Cross-listed as NA
(Prefix and Number) (Signature: Dept. Chair)

4. Proposed change in Bulletin description:

(a) Present description (including prerequisite(s)):

A detailed study of the anatomical characteristics and numbering systems of permanent human dentition and dental terminology are included in this course. Wax carvings of selected teeth are developed in the laboratory as a means of understanding tooth form and as a medium for the development of manual dexterity. Lecture, one hour; laboratory, three hours. Admission into the DLT Program or consent of instructor.

(b) New description:

The anatomical characteristics and dental terminology of the permanent human dentition are detailed. Other topics include dento-osseous structures, oral musculature, and the development of teeth. Waxing exercises of selected teeth are performed in the laboratory as a means of understanding tooth form and the development of manual dexterity. Lecture, one hour; laboratory, three hours.

(c) Prerequisite(s) for course as changed: Admission into the DLT Program or consent of instructor.

5. What has prompted this proposal?

Didactic material from the proposed deletion of the DN 102 Dental Morphology II course is being added to this course, and the redundancy in tooth morphology instruction included in both the lecture and laboratory components is being deleted.

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6. If there are to be significant changes in the content or teaching objectives of this course, indicate changes:

CURRENT COURSE COMPETENCIES:

Upon satisfactory completion of the course the student will be able to:

1. Successfully communicate using appropriate dental terminology.
2. Utilize numbering systems for permanent dentition.
3. Discuss the significance of properly formed axial contours and proximal contacts.
4. Describe the morphology of permanent dentition.
5. Manipulate wax in the development of manual dexterity and accurate morphology of teeth.
6. Identify a minimum of two unique identifying characteristics of each permanent tooth (excluding third molars).

PROPOSED COURSE COMPETENCIES:

Upon satisfactory completion of the course the student will be able to:

1. Successfully communicate using appropriate dental terminology.
2. Describe the development and eruption of the permanent dentition.
3. Utilize numbering systems for permanent dentition.
4. Describe the morphology of permanent dentition.
5. Identify dento-osseous structures and the oral musculature.
6. Manipulate wax in the development of manual dexterity and accurate morphology of teeth.

7. What other departments could be affected by the proposed change?

The only department affected is the Dental Laboratory Technology Program.

8. Will changing this course change the degree requirements in one or more programs?

☒ No ☐ Yes (If yes, attach an explanation of the change.)*

9. Is this course currently included in the University Studies Program? ☒ No ☐ Yes (If yes, please attach correspondence indicating concurrence of the University Studies Committee.)

10. If the course is a 100-200 level course, please submit evidence (e.g. correspondence) that the Community College System has been consulted.

This course is part of a curriculum offered only through Lexington Community College.

11. Is this a minor change? ☒ No ☐ Yes (NOTE: See the description on this form of what constitutes a minor change. Minor changes are sent directly from the Dean of the College to the Chair of the Senate Council. If the latter deems the change not to be minor, it will be sent to the appropriate Council for normal processing.)

12. Within the Department, who should be consulted for further information on the proposed course change?

Name: Robin Gornto, Program Coordinator Phone Extension: 257-4872 ext. 4086

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Additional Information on CCS Forms

Course Outline: (Two-level outline required)

CURRENT COURSE OUTLINE:

- Define and/or locate five surfaces of a tooth
 - A. Anterior
 - B. Posterior
 - C. General
- II. Define, describe and/or locate components of dentition
 - A. Anterior
 - B. Posterior
 - C. General
- III. Utilize dental numbering systems
 - A. Universal
 - B. International
 - C. Palmer
- IV. Describe each tooth in the permanent dentition
 - A. Year/s of eruption
 - B. Occlusion
 - C. View from all aspects
 - D. Identifying characteristics
 - E. Height and width

PROPOSED COURSE OUTLINE:

- Development and eruption of teeth
 - A. Tooth formation
 - B. Tissues of the teeth
 - C. Sequence of eruption
- II. Permanent dentition
 - A. Tooth numbering systems
 - B. Nomenclature for describing teeth
 - C. Dimensions of teeth
 - D. Identifying characteristics of teeth
- III. Dento-osseous structures and the oral musculature
 - A. Bones of the skull
 - B. Muscles of mastication
 - C. Muscles of facial expression

2. List of Experiments/Activities: (If laboratory or clinic is involved)

PRESENT:

- Each three hour laboratory will be structured as such:
- Hour #1: demonstration of the wax-up of the selected tooth
- Hour #2: practice waxing of the selected tooth
- Hour #3: waxing of the selected tooth to be turned in for grading

PROPOSED:

Laboratory sessions will include demonstrations in waxing the permanent dentition and waxing the selected teeth to final form.

3. Changes in Suggested Learning Resources:

CURRENT LEARNING RESOURCES:

Wheeler's Dental Anatomy, Physiology and Occlusion (current edition), by Ash
Upper & lower Kilgore models #200

PROPOSED LEARNING RESOURCES:

Wheeler's Dental Anatomy, Physiology and Occlusion (current edition), by Ash
Upper & lower Kilgore models #200 with prepared teeth for waxing exercises

4. Impact of Change on Enrollment:

NA

5. For Inclusion on LCC General Education List:

NA

6. For Removal from General Education List:

NA

7. For Inclusion on University Studies List: (A syllabus must be attached.)

NA

Signatures of Approval:

Department Chair: Gregory Zoll

Date: 1-25-04

~~Dean~~ ^{President} of the College: [Signature]

Date: 3-11-04

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: _____

Adopted: September, 1989