

## APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR

MAR 24 2004

1 Submitted by College of Lexington Community College Date 1/15/2004

Department/Division offering course Dental Laboratory Technology Program / NSHT

2. Changes proposed:

(a) Present prefix and number DN 261 Proposed prefix and number no change

(b) Present Title Applied Laboratory Techniques

New Title no change

(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: 8 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)):

Students fabricate a more complex variety of dental prostheses in four specialty areas: complete denture prosthodontics, removable partial denture prosthodontics, dental ceramics, and fixed prosthodontics (crown and bridge). Curriculum content includes reinforcement of techniques and procedures that are taught in the 100 level DN courses. Emphasis will be placed on management of laboratory time and project load to improve the quantity and quality of laboratory work. Lecture, 2 hours; laboratory, 18 hours. Prerequisite: DN 102, DN 122, DN 132, DN 142, and DN 152.

(b) New description:

No change

(c) Prerequisite(s) for course as changed: DN 122, DN 132, DN 142, DN 152

5. What has prompted this proposal?

This is a change in the prerequisite for the course due to the proposed deletion of DN 102.

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

No change

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

None.

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

**Signatures of Approval:**

Department Chair: \_\_\_\_\_

Date: 1-26-04

*President*

Dean of the College: \_\_\_\_\_

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: \_\_\_\_\_

ACTION OTHER THAN APPROVAL: \_\_\_\_\_

**\*NOTE:** Approval of this change will constitute approval of the program change unless other program modifications are proposed.

**\*If applicable, as provided by the Rules of the University Senate.**

The Minor Change route for courses is provided as a mechanism to make changes in existing courses and is limited to one or more of the following:

- a. change in number within the same hundred series;
- b. editorial change in description which does not imply change in content or emphasis;
- c. editorial change in title which does not imply change in content or emphasis;
- d. change in prerequisite which does not imply change in content or emphasis;
- e. crosslisting of courses under conditions set forth in item 3.0;
- f. correction of typographical errors. [University Senate Rules, Section III - 3.1]

**APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR**  
**Additional Information on CCS Forms**



**1. Course Outline: (Two-level outline required)**

**CURRENT COURSE OUTLINE:**

- Advanced Complete Denture Prosthodontics
  - A. Selection of artificial denture teeth
  - B. Fabrication of complete dentures
  - C. Selective grinding and milling
  - D. Fabrication of immediate dentures and surgical trays
  - E. Alternative resin processing systems
- II. Advanced Removable Partial Denture Prosthodontics
  - A. Advanced survey and design techniques
  - B. Repairs and additions to metal frameworks
  - C. Alternative fabrication procedures
  - D. Altered cast technique
- III. Advanced Dental Ceramics
  - A. Metal substructure design, compatibility and casting
  - B. Esthetic modification of dental ceramics
  - C. All porcelain labial margin technique
  - D. Pre-soldering
  - E. Post-soldering
- IV. Advanced Fixed Prosthodontics (Crown and Bridge)
  - A. Working casts and die preparation
  - B. Alternative dowel pin systems
  - C. OSHA bloodborne pathogens compliance
  - D. Temporary crown techniques
  - E. Dental alloys

**PROPOSED COURSE OUTLINE:**

No change

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

**CURRENT EXPERIMENTS/ACTIVITIES:**

Students will fabricate the following dental restorations:

- A. Advanced Complete Denture Prosthodontics
  - 1. Fabricate complete dentures.
  - 2. Process complete dentures utilizing alternative resin molding procedures.
  - 3. Fabricate immediate dentures.
  - 4. Fabricate surgical templates.
- B. Advanced Removable Partial Denture Prosthodontics
  - 1. Survey and design removable partial denture frameworks.
  - 2. Fabricate advanced design partial dentures including temporary RPD's.
  - 3. Repair removable partial denture frameworks.
  - 4. Add wrought wire retainers to existing frameworks.

2. Fabricate a provisional temporary bridge.

**D. Advanced Dental Ceramics**

- 1. Fabricate single and multi-unit metal ceramic restorations.
- 2. Fabricate metal ceramic restorations with all porcelain facial margins.
- 3. Pre-solder and post-solder metal ceramic substructures.
- 4. Perform internal and external characterization of dental ceramics.

**PROPOSED EXPERIMENTS/ACTIVITIES:**

No change

**3. Changes in Suggested Learning Resources:**

**CURRENT LEARNING RESOURCES:**

Introduction to Metal Ceramic Technology, Naylor  
Fundamentals of Fixed Prosthodontics, Shillingburg  
Phillips' Science of Dental Materials, Anusavice  
Removable Partial Prosthodontics, McCracken