APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR

1. Submitted by College of __________________________ Dentistry __________________________ Date 01-02-01

   Department/Division offering course ______ Pediatric Dentistry _____________

2. Changes proposed:

   (a) Present prefix and number PDO 832 Proposed prefix and number PDO 822

   (b) Present Title __________________________ Pediatric Dentistry I _____________

      New Title __________________________ Pediatric Dentistry I _____________

   (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:

      __________________________ Ped Dent I _____________

   (d) Present credits: _____ Proposed credits: ______

   (e) Current lecture: laboratory ratio ___ Proposed: ___

   (f) Effective Date of Change: (Semester & Year) ______ Fall 2001 _____________

3. To be Cross-listed as __________________________ __________________________

   (Prefix and Number) __________________________ (Signature: Dept. Chair)

4. Proposed change in Bulletin description:

   (a) Present description (including prerequisite(s): This course is designed to
       introduce basic modern concepts in dentistry for children. Emphasis is placed on
       principles of child behavior management, and basic restorative dentistry techniques.

       Prereq: Third year standing in the College of Dentistry.

   (b) New description: N/A

   (c) Prerequisite(s) for course as changed: Second year standing in the College of
       Dentistry

5. What has prompted this proposal? See Attached __________________________

6. If there are to be significant changes in the content or teaching objectives of this course,
   indicate changes: See attached __________________________
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? X No ❑ Yes (If yes, attach an explanation of the change.)*

9. Is this course currently included in the University Studies Program? X 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.

11. Is this a minor change? X 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: John R. Mink, David A. Nash Phone Extension: 3-6520, 3-2026

Signatures of Approval:

Department Chair/Division Chief: John R. Mink Date: 01-10-01

Dean of the College: Date: ______

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:

- change in number within the same hundred series;
- editorial change in description which does not imply change in content or emphasis;
- editorial change in title which does not imply change in content or emphasis;
- 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]
PROPOSED COURSE CONTENT*
(CURRENT CONTENT OF PDO 832)
SECOND YEAR COURSE
PEDIATRIC DENTISTRY I
PDO 822

1. The Behavior of Children in the Dental Environment
2. Office Protocol for Managing Childrens' Behavior
3. The Dentist Child Relationship
4. Anesthesia Administration for the Child
5. Clinical Decision Making
6. Developing a Data Base
7. Radiographic Examination
8. Diagnosis and Treatment Planning
9. Case Consultation
10. The Preventive Philosophy
11. Cariology
12. Supplemental Fluorides
13. Topical Fluorides
14. Antimicrobial Agents
15. Fissure Sealants
16. Oral Physiotherapy
17. Diet
18. Parent and Child Education
19. The Rubber Dam
20. Posterior Intracoronal Restorations
21. Posterior Intracoronal Restorations, Preclinical Simulation
22. Stainless Steel Crowns
23. Stainless Steel Crowns, Preclinical Simulation

* Some of the Topics require multiple sessions
APPLICATION FOR A CHANGE IN AN EXISTING COURSE

INTENTION:

The current didactic curriculum in Pediatric Dentistry is taught in one hour sessions twice a week throughout the Third Year of the dental curriculum; 62 clock hours of instruction. The first semester course, PDO 832 (Pediatric Dentistry I), is 26 hours, with 20 hours devoted to classroom instruction and 6 hours of preclinical simulation. The second semester course, PDO 834 (Pediatric Dentistry II), is 36 hours, all of classroom instruction.

It is the intention of this proposal to alter the 62 hours of instruction in pediatric dentistry such that it is offered once a week over two academic years, rather than twice a week over one academic year; and to move the introduction of pediatric dentistry from the third year to the second year in the curriculum.

This would be accomplished by offering PDO 832 (the current first semester course) once a week for the entire Second Year of the curriculum and changing the course number to PDO 822, leaving the title the same, Pediatric Dentistry I. The total number of contact hours would be increased by six hours in so doing. PDO 834 (the current second semester course) would be offered once a week for the entire Third Year of the curriculum and the course number would be changed to PDO 832, leaving the title the same, Pediatric Dentistry II. The total number of contact hours would be reduced by four hours for the current PDO 834 course. The resultant would be adding hours to the current PDO 832 course and deleting them from the current PDO 834 course so that in the new alignment the course hours would be evenly distributed between the new Second and Third Year courses.

No significant increase in curriculum time is requested, and no substantive change in the courses’ content is proposed.

JUSTIFICATION FOR REQUESTED CHANGE:

1. Currently students are not introduced to pediatric dentistry until the beginning of the Third Year of the curriculum, the beginning of the more intensive aspects of their clinical education. It is the judgment of the Pediatric Dentistry faculty that this is too late for an initial introduction to Pediatric Dentistry, one of the primary care disciplines of dentistry.

Traditionally, that is, until a few years ago, Pediatric Dentistry was offered beginning in the Second Year of the curriculum at the University of Kentucky. This request would revert to that traditional schedule.

A survey of the location of Pediatric Dentistry in the curriculum of other institutions indicates that it is generally offered in the Second Year of the curriculum, with clinical experience frequently provided toward the end of the Second Year. It is generally believed that the child patient serves as an excellent introduction to clinical dentistry for student dentists regarding such matters as patient management, oral diagnosis and treatment planning, focusing on prevention, and the administration of local anesthesia.

Because the didactic course is not offered until the Third Year, students currently are unable to begin clinical activity in pediatric dentistry until January of their Third Year of school. Again, it is the judgement of the faculty that this is too late. It compresses the time available to teach Pediatric Dentistry to only three semesters, and forces a loss of the perceived advantages of employing the child patient as an early introduction to patient care for the student dentist. Additionally, the current circumstance does not permit the students to follow a child through a
significant enough time period to observe and appreciate the dynamic changes that occur in the growing and developing child, not only orally, but psycho-socially.

A recent report from the Surgeon General’s Conference on Oral Health (June, 2000) cited a significant disparity in oral health among children, and indicated that oral health problems of children were among the nation’s most significant health problems. It called for an increase in the number of post-doctoral positions available for specializing in pediatric dentistry, but, more germane to this justification, indicated that the vast majority of dental care for children is performed by general dentists, and called for an enhancement of undergraduate education in pediatric dentistry. It is in this context that we are requesting this movement of the didactic courses to provide an earlier, and potentially more significant, clinical experience in treating the child patient.

2. Currently the first semester of the Third Year is an extremely challenging one for student dentists. They are enrolled in both Pharmacology and Oral Pathology. The intensive introduction of Pediatric Dentistry at this time (twice a week) does not provide an optimum learning environment for Pediatric Dentistry, and no doubt contributes to learning issues in these other two important courses. Introducing Pediatric Dentistry in the Second Year, and decompressing the course in the Third Year, by only scheduling it one hour/week, will have an advantageous impact on all three courses.

3. It is our understanding that the First Semester of the Second Year is also a very busy one, with the existence of the Microbiology course, taken with the medical students. However, other preclinical dental courses are offered at this time, some with extensive laboratory time and outside the classroom assignments. The proposed change would be such that only one hour a week in the classroom would be required, with no laboratory work or outside assignments, and only a one-hour examination given at the end of the semester. (The pre-clinical simulation currently existing in PDO 832 would be conducted the last two sessions of the second semester—not the first semester.)

SCHEDULING

If the recommended change were approved, it would necessitate that the current PDO 832 and PD0 834 courses be offered as they currently exist to Third Year student dentists in 2001-2002. The change would necessitate that the new PDO 832 be offered the Second Year student dentists during the 2001-2001 academic year as well. This means that the faculty would have to teach both the old curriculum in Pediatric Dentistry and a portion of the new curriculum in the same year. However, it is our belief that the benefits of the change justify the additional time commitment for the one academic year.