

New Course Request

Indiana University

Indianapolis Campus

Check Appropriate Boxes: Undergraduate credit Graduate credit Professional credit

1. School/Division Dentistry 2. Academic Subject Code DENT-R

3. Course Number 963 (must be cleared with University Enrollment Services) 4. Instructor Seok-Jin Kim

5. Course Title Dental Implantology

Recommended Abbreviation (Optional) _____
(Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Fall 2008

7. Credit Hours: Fixed at 1 credit or Variable from _____ to _____

8. Is this course to be graded S-F (only)? Yes _____ No X

9. Is variable title approval being requested? Yes _____ No X

10. Course description (not to exceed 50 words) for Bulletin publication: _____

Study is basic and clinical sciences related to Dental Implantology

11. Lecture Contact Hours: Fixed at _____ or Variable from 12 to 15

12. Non-Lecture Contact Hours: Fixed at _____ or Variable from 3 to 5

13. Estimated enrollment: 17 of which 100% percent are expected to be graduate students.

14. Frequency of scheduling: weekly Will this course be required for majors? Yes

15. Justification for new course: Need to provide systems and comprehensive approaches in teaching Dental Implantology.

16. Are the necessary reading materials currently available in the appropriate library? Yes

17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.

18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant. None expected

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by: [Signature] Date 6/2/08
Department Chairman/Division Director

Approved by: [Signature] Date 6/3/08
Dean

Date _____
Dean of Graduate School (when required)

Date _____
Chancellor/Vice-President

Date _____
University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

Dental Implantology (Part II)

Fall, 2008

Monday 8-9 (Room 401)

Course Director: Dr. Seok-Jin Kim

Purpose of Course:

Dental implant has become a standard of choice for replacing missing teeth. This course will provide systemic and comprehensive approach to study and learn Dental Implantology.

Description of course:

- Attendance is mandatory.
- Various topics in Dental Implantology will be assigned to graduate students.
- Each graduate student will be paired with a faculty as “facilitator”.
- Under the mentorship from the facilitator, graduate students will study the area of assigned topic and present a 1 hour presentation to the class.

References:

- Lindhe, et al. Clinical Periodontology and Implant Dentistry, Fourth Edition
- Misch et al. Contemporary Implant Dentistry, Third Edition
- Misch et al. Dental Implant Prosthetics
- Various Journals related to Dental Implants

Course Schedule for Fall 2008

Session	Date	Presenter	Topic	Facilitator
	8/18	Course Orientation		
1	8/25	Smith	Anatomic considerations for implant surgery	Dr. Newell
	9/01	Labor Day		
	9/08	AAP meeting		
2	9/15	Prakasam	Alveolar bone healing and socket preservation	Dr. John
3	9/22	Cope	Determination of implant size and number	Dr. John
	9/29	Midterm Exam Week		
4	10/06	Dr. M Gossweiler	Patient assessment	
5	10/13	Dr. Kowolik	Inflammatory cell responses to dental implant materials	
6	10/20	Cruz	Bone metabolism and its response to mechanical loads	Dr. M Gossweiler
7	10/27	Saini	Osseointegration and timing for implant placement	Dr. A Gossweiler
8	11/03	Dr. John	Surgical complications of implant dentistry and solutions to common problems	
9	11/10	Tzanos	Block Grafts	Dr. Blanchard
10	11/17	Dr. Kim	Lateral Widows	
11	11/24	Dkeidek	Osteotome techniques	Dr. Barco
	12/01	Case Defense Week		
	12/08	Final Exam Week		

12	12/15	Cadaver Course (Hands –on session)
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Grades:

Grades will be given based on the following;

- Level of understanding of topic
- Level of preparation of presentation
- Quality of presentation
- Level of Professionalism

Topic covered in Spring 2008

- Why titanium?
- History of dental implants
- One-stage vs. Two-stage implants
- Implant surface
- Implant design
- Various hypotheses for early implant bone loss
- Prevention of early implant bone loss
- Classification of edentulous arches
- Treatment plan for implant overdenture
- Peri-implant mucosa