New Course Request

Check Appropriate Boxes: Undergraduate credit □  Graduate credit □  Professional credit X

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. Recommended 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: Date 6/2/08
Department Chairman/Division Director

Approved by: Date 6/3/08
Dean

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:

- Misch et al. Dental Implant Prosthetics
- Various Journals related to Dental Implants
# Course Schedule for Fall 2008

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