Selective-Elective Program

COURSE#:  
[ ] SELECTIVE  
[ X] ELECTIVE  
TRIMESTER:  Fall

DEPARTMENT:  Orthodontics  
COURSE TITLE:  Advanced Orthodontic Concepts for Dental Students

MAIN PURPOSE OF THIS COURSE:  To instruct undergraduate senior dental students on advanced concepts in Orthodontics, including fixed appliance techniques. The aim of this course is to instruct dental students who anticipate on specializing in pediatric dentistry or orthodontics on orthodontic treatment planning, treatment, and retention. Each student will be expected to fully treatment plan and at least partially treat a fixed appliance orthodontic case.

COURSE CONTENT:  This course entails 6 two hour lectures in orthodontics that include:

1) Orthodontic Records (Photography, Orthodontic Radiography, Impressions)  
2) Treatment Planning  
3) Removable Techniques  
4) Banding and Bonding  
5) Leveling and Aligning  
6) Tooth Movement  
7) Finishing  
8) Retention

This course also entails clinical treatment times that ARE NOT scheduled in the students regular schedule. The student must be able to schedule his/her orthodontic patients to be seen on a monthly basis for an up to 3 hour treatment session (10-1 or 2-5pm). It is assumed that the student is sufficiently capable to finish other department requirements with this lessened clinic time.

OBJECTIVES OF COURSE:

1) To provide small group personal instruction by Orthodontic faculty to dental students interested in treating children and their dental problems.  
2) To introduce students interested in Orthodontics to advanced orthodontic concepts not fully covered in the Undergraduate program.  
3) To give advanced standing students the clinical and intellectual experience of treatment planning and treating an orthodontic patient.  
4) To allow advanced standing dental students to have a hands-on experience with fixed orthodontic appliances.

EVALUATION OF STUDENTS:  Attendance only (pass/fail)
**PROGRAM DESCRIPTION**

<table>
<thead>
<tr>
<th>Number of students:</th>
<th>4</th>
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<tbody>
<tr>
<td>Day/Time:</td>
<td>Lectures on Tuesday 8-10am, Clinic time as scheduled</td>
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<tr>
<td>Number of weeks of Program:</td>
<td>Varies</td>
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<tr>
<td>Number of hours of Program:</td>
<td>12 lecture, Clinic Varies</td>
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<tr>
<td><strong>TOTAL:</strong></td>
<td>12 lecture, Clinic Varies</td>
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<td>COURSE DIRECTOR(s):</td>
<td>Rene S. Johe</td>
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**LECTURE SCHEDULE SUMMARY**

Listed in course Content.