Fixed Partial Prosthodontic Technique. 2012-13

Title:
**Department:** Prosthodontics & Digital Technology

**Course Number:** HDR 611

**Course Title:** Fixed Partial Prosthodontic Technique

**Course Director:** Dr. Christine Valestrand

**Participating Faculty:**
Dr. Douglas Foerth  
Dr. Sheila Foerth  
Dr. Richard Greenfield  
Dr. Aaron Segal  
Dr. Alex Won  
GPR Resident

**Objective:**

**Objectives:**
Upon completion of the series of sessions, students will be able to:

1. Diagnose and treatment plan simple fixed prosthodontic cases
2. Recognize the signs and symptoms of a pathologic occlusion
3. Apply the mechanical and biologic principles of preparation design in fabricating retentive physiologic restorations
4. Prepare teeth for cast metal, ceramo-metal and ceramic restorations.
5. Fabricate a physiologic temporary restoration.
6. Make an elastomeric impression using a stock tray
7. Fabricate a properly trimmed removable die and working model.
8. Wax, invest, finish, and polish a casting.
9. Fabricate a cast post and core pattern, and a temporary post and core
10. Understand the principles of color selection and stain and glaze procedures when fabricating ceramic restoration

**Description:**

**Course Description:**
The purpose is to provide an understanding of basic diagnostic skills and restorative techniques in fixed prosthodontics that will enable students to begin patient care in Year III Clinic.

**Pre-Req:** Successful completion of all Year 1 dental courses and good standing as a Year 2 student.

**Preclinical Laboratory Safety Protocol** available on-line and posted in the Preclinical Laboratories.

**Grading:**

**Grading Scheme:**
A - Excellent (90-100)  
B - Good (80-89.99)  
C - Fair (70-79.99)  
F - Failure (<69.99)

While it is necessary to achieve an average of at least 70 on the didactic portion of the course, the written and practical grades will be averaged to arrive at a final grade. Practicals will be graded as follows: A=95, B=85, C=75, F=0-50. "+" after a grade will add 3 points and "-" will subtract 3 points from the values. At the discretion of the course director, final grades may be curved. Any failing grade on a practical will require that a student seek remediation and repeat a practical prior to the next scheduled practical. There will be
only one remedial practical given for each failed exam and no more than two failing grades in practicals can be remediated (i.e. 2 of 3). The highest possible grade of a makeup will be a 70.

Any student that misses an exam or a quiz will receive a zero, which will be averaged into the final grade. Only written medical excuses when received through the Office of Education within one week of the absence will be accepted as a basis for administering another exam.

Laboratory exercises will be evaluated on an acceptable/unacceptable basis. This assessment will be made upon presentation to an instructor and will require a signature on the sign-off sheet. All projects must be completed at a level of clinical acceptability. Students not receiving an acceptable grade in a laboratory project may remediate and redo the project as necessary. Students must achieve a satisfactory grade on all projects by the completion of the course in order to receive a passing grade in the course. **ALL PROJECTS MUST BE SAVED** as they will be collected, either during the year or at the end of the course. Lost projects will have to be redone.

All laboratory work is to be completed and submitted for review by the stated due dates. Each project submitted after the due date may at the discretion of faculty, have five (5) points deducted from the final total point accumulation of all work in the course.

Any student not achieving a cumulative average of 70% might be required to repeat the entire HDR 611 course in the following academic year subject to the course director and Associate Dean for Education's recommendation, in consultation with Academic Standing Committee. At the discretion of the course director remediation during the month of July may be offered to students whose performance suggest that short term remediation might be of value and effective. It is suggested that students not make irrevocable vacation plans during the summer break.

**Remediation Measures:**
Students who fail practicals will be expected to SEEK immediate help on an individual basis. Such help is to be coordinated by the course director. It is the student's responsibility to seek remediation knowing full well that they must take a remedial exam prior to the next scheduled practical.

There are no remedial written exams. Students who experience difficulty with written exams should resolve questions in didactics with the faculty who gave the lecture series. This is important given that the each exam will be cumulative.

**Outcomes Assessment:**
- Quizzes (Unannounced) ~3%
- Written Exams ~47%
- Lab Exams ~50%
- Class Participation,
- Lab projects (Pass/Fail only)

Extra credit may be used to positively affect grades if a curve is necessary. There will be a minimum of 3 written and 3 practical exams as well as quizzes. All exams, written and practical, will be cumulative. Students must receive a cumulative average of all written exams and quizzes of 70% to pass the course. There will be no remedial written exams. All projects must be accomplished at an acceptable level of skill and must be turned in when requested.

**Attendance:**

**Attendance:**
Attendance at all classes is mandatory. Final grades will be affected by unexcused absences. Each such absence will result in deducting 1 point off of the final average.

**Recommended Texts:**
**Directed Readings:**
1. *Fundamentals of Fixed Prosthodontics* (Shillingburg, Hobo Whitsett) is the required text for the
course and students will be expected to read appropriate chapters in preparation for lecture and laboratory sessions. ISBN: 086715201X. $60.00

Additional Notes:
Related Competencies (Institutional Learning Objectives - ILOs):
3.0, 3.1, 4.0, 4.5, 4.6, 5.0, 5.13, 5.14, 5.15, 7.0, 7.1, 8.0, 8.1

Honor Code:
This course will operate on the principles of the School of Dental Medicine Honor Code.

"The purpose of the Honor Code is to promote academic integrity, professionalism and respect for patients, faculty, staff, and colleagues by fostering an ethical, peer-supported culture among the dental student body. The Honor Code recognizes that a personal commitment to honesty, integrity, fairness, accountability and mutual respect are essential to maintaining a harmonious professional and academic community. The Honor Code makes explicit what dental students should expect from each other and acts as a social and professional contract to uphold its underlying principles. The Honor Code is intended to supplement, but not supplant, one's personal, religious, moral, and ethical beliefs. Moreover, the Honor Code does not supersede policies, regulations, codes, statutes or laws that exist under the State University of New York at Stony Brook, New York state, or federal jurisdictions.

Membership as predoctoral dental students within the Stony Brook community is dependent on a commitment to the Honor Code and confirmed by pledging, 'I hereby accept the terms of the Stony Brook University School of Dental Medicine Honor Code, realizing that it is my duty to uphold the concepts of personal and collective responsibility upon which the Honor Code is based'."

Academic Integrity:
Please refer to the Academic Regulations and Procedures of the School of Dental Medicine.

Schedule:

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<th>Type</th>
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<tr>
<td>10/02/2012</td>
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<td>Introduction/Prep Design and Theory</td>
<td>Lecture</td>
<td>Aaron Segal, Christine Valestrand</td>
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