Course Changes
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments

Form Instructions
1. Course request type:
   □ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):
   Oral & Maxillofacial Radiology, TAMBCD
3. Course prefix, number and complete title of course:
   OMFR5210

4. Change requested
   a. Prerequisite(s): From: To:
   b. Withdrawal (reason):
   c. Cross-list with: [Cross-listed courses require the signatures of both department heads]
   d. Change in course title and description. Enter complete current course title and course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?
   □ Yes  □ No

6. If grade type is changing for existing course, indicate the new grade type:
   □ Grade  □ S/U  □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education [http://vpg.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education]

8. Complete current course title and current catalog course description:
   Topics include acquisition techniques using ionizing radiation, nonionizing radiation, and other imaging modalities. Specific discussions will include plain radiography image projects, panoramic radiology, cone beam computed tomography, multi-detector computed tomography, magnetic resonance imaging, nuclear medicine/molecular imaging, and ultrasonography, as well as imaging displays. Must be taken on a satisfactory/unsatisfactory basis.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Oral and Maxillofacial Imaging Technology. Topics include acquisition techniques using ionizing radiation, nonionizing radiation, and other imaging modalities; specific discussions of plain radiography image projections, panoramic radiology, cone beam computed tomography, multi-detector computed tomography, magnetic resonance imaging, nuclear medicine/molecular imaging, ultrasonography.

10. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMFR</td>
<td>5210</td>
<td>Adv Imaging Technology</td>
</tr>
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<table>
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<th>Admin Unit</th>
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b. Change to:

<table>
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<th>Prefix</th>
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</tbody>
</table>

Approval recommended by:

Diane J. Flint  Larry L. Bellinger  Lawrence E. Wolinsky
Department Head or Program Chair (Type Name & Sign)  Chair, College Review Committee  Dean of College
Date  Date  3-3-16

(If cross-listed course)

Submitted to Coordinating Board by:

Associate Director, Curricular Services  Chair, GC or UCC
Date  Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University Baylor College of Dentistry

OMR Imaging Technology
OMFR 5210
Summer 2016
Monday, 9:00AM – 11:00AM, Imaging Center
Thursday, 9:00AM – 11:00AM, Imaging Center

Course Description and Prerequisites:
This course is an oral and maxillofacial radiology imaging technique course and is intended to provide graduate students with an understanding of the generation, properties, and techniques for use of X-rays in dentistry. The students need to be familiar with the imaging techniques used in dentistry, from basic to advance, such as intraoral technique to cone beam computed tomography in a laboratory setting. Prerequisites include oral and maxillofacial radiology course credits from dental school.

Learning Outcomes:
Upon completion of this course, the student/resident will:

1. Be proficient in the routine and special procedures performed in oral and maxillofacial radiology including, but not limited to:
   a. Intraoral projections
   b. Panoramic projections
   c. Cephalometric projections
   d. Conventional tomography
   e. Cone-beam computed tomography
   f. Computed tomography
   g. Magnetic resonance imaging
   h. Digital system

2. Understand radiation physics including basic imaging physics of:
   a. Conventional and digital oral and maxillofacial radiography
   b. Computed tomography
   c. Magnetic resonance imaging
   d. Ultrasound imaging
   e. Nuclear medicine

Instructor Information:
Hui Liang, DDS, PhD, MS, Professor (Course Director)
214-828-8392
hliang@bcd.tamhsc.edu
Room 219

Byron W. Benson, DDS, MS, Regents Professor (Course Director)
214-828-8393
bbenson@bcd.tamhsc.edu
Room 108

Diane J. Flint, DDS, MS, Associate Professor
214-828-8394
dflint@bcd.tamhsc.edu
Room 217
Textbook and/or Resource Material:
Required textbook and handouts from faculty.

*Oral Radiology – Principles and Interpretation.* SC White and M Pharoah.

Grading Policies:
Students/residents are expected to attend all classes and actively participate in all lab assignments for each session. Students/residents must tell the Course Director in advance of a planned absence.

Student grades will be based on:
Lab Assignment ............................................... 25 points
Final Written Exam .................................................. 75 points
Total for Course ..................................................... 100 points

**Lab Assignment.** Each individual registered for this course is required to finish all lab assignments. Each session is designed to let student/resident be familiar with routine and special procedures performed in oral and maxillofacial radiology. Student/resident should be able to make corrections if technique errors occur. Students/residents can do lab assignments together, but must turn in their own work. For assignments turned in late, points will be deducted.

**Final Examination.** Residents must be able to demonstrate their knowledge of material presented in each session. The final examination may consist of a multiple essay questions. Students missing the exam or presentation due to family emergencies or medical problems should contact the course director before the exam or as soon as possible. With an excused absence a makeup exam will be made available.

**Attendance and Makeup Policy.** Attendance is mandatory and the course director should be notified prior to any anticipated absence. Texas A&M University Student Rules, especially Rule 7, address student absences from class; those policies [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07) will be followed. If a student is absence due to illness or other unforeseen factors the student should contact the instructor on how to make up the lost instruction. Make-up sessions will be scheduled as needed. In-course remediation is available to some extent; however, course failure will require the course to be retaken at a future date.

**Grading Scale:** A (90-100), B (80-89), C (70-79).
<table>
<thead>
<tr>
<th>Date</th>
<th>Session Title/Topic</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>06/27</td>
<td>Intraoral Radiographic Technique (periapical, bitewing, occlusal) and Digital Radiography</td>
<td>Dr. Liang</td>
</tr>
<tr>
<td>06/30</td>
<td>Laboratory Assignment</td>
<td>Dr. Liang</td>
</tr>
<tr>
<td>07/7</td>
<td>Panoramic Radiography</td>
<td>Dr. Liang</td>
</tr>
<tr>
<td>07/11</td>
<td>Laboratory Assignment</td>
<td>Dr. Liang</td>
</tr>
<tr>
<td>07/14</td>
<td>Cranial, Facial Bones and Extraoral Projections and TMJ</td>
<td>Dr. Flint</td>
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<td>07/18</td>
<td>Laboratory Assignment</td>
<td>Dr. Flint</td>
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<td>07/21</td>
<td>Cone-Beam Computed Tomography</td>
<td>Dr. Benson</td>
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<td>07/25</td>
<td>Laboratory Assignment</td>
<td>Dr. Benson</td>
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<td>07/28</td>
<td>Computed Tomography, Magnetic Resonance Imaging (MRI), Ultrasound, Nuclear Medicine</td>
<td>Dr. Benson</td>
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<tr>
<td>08/1</td>
<td>Laboratory Assignment</td>
<td>Dr. Benson</td>
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<tr>
<td>08/4</td>
<td>Quality Assurance and Trouble Shooting Techniques</td>
<td>Dr. Liang</td>
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<tr>
<td>08/8</td>
<td>Laboratory Assignment</td>
<td>Dr. Liang</td>
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<tr>
<td>08/11</td>
<td>Evaluation and Final exam</td>
<td>All</td>
</tr>
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</table>

**Americans with Disabilities Act (ADA) Policy Statement:**

The ADA is a federal antidiscrimination statute that provides comprehensive civil protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Texas A&M University Baylor College of Dentistry Associate Dean for Academic Affairs in room 514, 214-828-8208.

**Academic Integrity:**

Aggie Honor Code - “An Aggie does not lie, cheat, or steal or tolerate those who do.”

Academic integrity is an educational objective of this institution and students are expected to adhere to all Texas A&M University rules. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used, or tampering with the academic work of another student.

Upon admission to Texas A&M University Baylor College of Dentistry a student immediately accepts the commitment to uphold the Honor Code. See the following link for additional information.

[http://aggiehonor.tamu.edu/RulesAndProcedures/](http://aggiehonor.tamu.edu/RulesAndProcedures/)
Texas A&M University

Departmental Request for a Change in Course

Undergraduate □ Graduate □ Professional

Submit original form and attachments

Form Instructions

1. Course request type:
   □ Undergraduate  □ Graduate  □ First Professional (DOS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Oral & Maxillofacial Radiology, TAMBCD

3. Course prefix, number and complete title of course:
   OMFR 5250

4. Change requested

   a. Prerequisite(s): From: ___________________________ To: ___________________________

   b. Withdrawal (reason): ___________________________

   c. Cross-list with: ___________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?
   □ Yes  □ No

6. If grade type is changing for existing course, indicate the new grade type:
   □ Grade □ S/U □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:
   This course is intended to provide the student with an advanced review of medico-legal aspects of radiology, advanced interpretation principles, comparison and selection of digital imaging systems, advanced imaging techniques, and radiation risk. Must be taken on a satisfactory/unsatisfactory basis.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Advanced Oral and Maxillofacial Radiology. Course provides the student with advanced review of medico-legal aspects of radiology, advanced interpretation principles, comparison and selection of digital imaging systems, advanced imaging techniques, radiation risk.

10. As currently in course inventory:

    Prefix Course # Title (excluding pronunciation)
    OMFR 5250 Adv Oral Max Radiology

    Mode Lab Other SCH CP and Fund Code Admin. Unit HCE Code
    1.00 1.00 5105010014 0782 0 0 3 6 3 2

b. Change to:

    Prefix Course # Title (excluding pronunciation)

    Mode Lab Other SCH CP and Fund Code Admin. Unit HCE Code

    Approval recommended by:

    Director J. Flint

    Department Chair (Type Name & Sign) Date

    Larry L. Bellinger

    Chair, College Review Committee Date

    Lawrence E. Wollinsky

    Dean of College Date

    Department Chair (Type Name & Sign) Date

    (If cross-listed course)

    Submitted to Coordinating Board by:

    Chair, GC or UCC Date

    Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Advanced Oral and Maxillofacial Radiology
OMFR 5250
Spring 2016
Thursdays, 4:00PM – 5:00PM, Room 736

Course Description and Prerequisites:
This course is intended to provide the student/resident with an advanced review of medico-legal aspects of radiology, advanced interpretation principles, comparison and selection of digital imaging systems, advanced imaging techniques, and radiation risk. The course format is lecture/seminar. There are no prerequisites.

Learning Outcomes:
Upon completion of this course, the student/resident will be able to:

1. Understand the medico-legal aspects of radiology, including patient selection criteria, interpretation responsibilities, and ownership of imaging data.
2. Understand and apply advanced principles of radiologic interpretation including projection radiology and cone-beam computed tomography studies.
3. Understand the principles of cephalometric radiograph acquisition and interpretation.
4. Understand the advantages and limitations of certain specialized extraoral and advanced imaging techniques, including cone beam computed tomography.
5. Understand the role of radiology in the development of a differential diagnosis of pathologic entities.
6. Appreciate the variety of commercially-available digital imaging systems and be able to compare them with respect to cost, advantages, and limitations.
7. Appreciate the relative risks of using ionizing radiation and how to minimize that risk.

Instructor Information:
Byron W. Benson, DDS, MS, Regents Professor (Course Director)
214-828-8393
bbenson@bcd.tamhsc.edu
Room 108

Hui Liang, DDS, PhD, MS, Professor
214-828-8392
hliang@bcd.tamhsc.edu
Room 219

Diane J. Flint, DDS, MS, Associate Professor
214-828-8394
dflint@bcd.tamhsc.edu
Room 217
Textbook and/or Resource Material:
No specific text is required. However, the following references are suggested.


Grading Policies:
Students/residents are expected to attend all class and must tell the Course Director in advanced of a planned absence.

Student grades will be based on:
Group presentation participation ......................................... 25 points
Final Written Exam .............................................................. 75 points
Total for Course ..................................................................... 100 points

Group Presentation. Each individual registered for this course is required to participate in a 15-20 minute group presentation of any format on a selected topic by specialty. The topic may be a selected imaging systems applicable to the group's specialty or a case presentation emphasizing the how radiology affected the treatment outcome. The faculty will provide sample topic selections. The course director must approve the topic at least 60 days prior to the presentation.

Final Examination. Residents must be able to demonstrate their knowledge of material presented in lectures/seminars. The final examination may consist of a combination of multiple choice, true/false, matching, and/or completion and short discussion type questions. Students missing the exam or presentation due to family emergencies or medical problems should contact the course director before the exam or as soon as possible. With an excused absence a makeup exam will be made available.

Attendance and Makeup Policy. Attendance is mandatory and the course director should be notified prior to any anticipated absence. Texas A&M University Student Rules, especially Rule 7, address student absences from class; those policies http://student-rules.tamu.edu/rule07 will be followed. If a student is absence due to illness or other unforeseen factors the student should contact the instructor on how to make up the lost instruction. Make-up sessions will be scheduled as needed. In-course remediation is available to some extent; however, course failure will require the course to be retaken at a future date.

Grading Scale: A (90-100), B (80-89), C (70-79).
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<th>Date</th>
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<th>Content</th>
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<tbody>
<tr>
<td>Jan. 14</td>
<td>Advanced principles of interpretation</td>
<td>Critical thinking in advanced radiographic interpretation</td>
<td>Dr. Liang</td>
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<tr>
<td>Jan. 21</td>
<td>Cephalometric projection radiology</td>
<td>Principles of acquiring and interpreting projection cephalometric radiographs - lateral, posteroanterior, and SMV</td>
<td>Dr. Benson</td>
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<tr>
<td>Jan. 28</td>
<td>Comparison of digital X-ray Systems</td>
<td>Comparison of commercially-available digital x-ray systems: cost, advantages, and disadvantages</td>
<td>Dr. Flint</td>
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<tr>
<td>Feb. 4, 11</td>
<td>Specialized imaging techniques</td>
<td>Imaging techniques used to address but not limited to MDCT, MRI, nuclear medicine and ultrasonography.</td>
<td>Dr. Flint</td>
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<td>Feb. 18, 25</td>
<td>Cone-beam computed tomography (CBCT)</td>
<td>Basics of CBCT interpretation: appearance and variations in normal anatomy, interactive software</td>
<td>Dr. Benson</td>
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<tr>
<td>Mar. 3</td>
<td>Imaging and interpretation for dental implants</td>
<td>The techniques and anticipated diagnostic yield of imaging studies made to plan and evaluate dental implants.</td>
<td>Dr. Liang</td>
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<tr>
<td>Mar. 15</td>
<td>Imaging and interpretation of TMJ pathology</td>
<td>The techniques and anticipated diagnostic yield of imaging studies for suspected abnormalities of the TMJ.</td>
<td>Dr. Liang</td>
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<td>Mar. 17</td>
<td>NO CLASS</td>
<td>Spring Recess</td>
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<td>Mar. 24</td>
<td>Interpretation of soft tissue calcifications and sinus pathology</td>
<td>Case presentations with interpretation of imaging studies, reviewing pathology of the soft tissues of the maxillofacial complex and the paranasal sinuses</td>
<td>Dr. Benson</td>
</tr>
<tr>
<td>Mar. 31</td>
<td>From 2D to 3D: Localization on radiographic studies</td>
<td>Advanced principles of object localization and visualization of impacted teeth</td>
<td>Dr. Liang</td>
</tr>
<tr>
<td>Apr. 7</td>
<td>Medico-legal aspects of radiology</td>
<td>Discussion of legal issues in radiology including obligations of providers for appropriate selection, interpretation, and registration in Texas.</td>
<td>Dr. Benson</td>
</tr>
</tbody>
</table>
| Apr. 14    | Clinico-Radiology Conference: class presentation            | (1) Presentation by residents  
(2) Current concepts on radiation safety                                                                                                                                   | Dr. Benson|
| Apr. 21    | Clinico-Radiology Conference: class presentation            | (1) Presentation by residents  
(2) "Radio-oddities"                                                                                                                                                                                   | Dr. Flint |
<table>
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</table>
| Apr. 28  | Clinico-Radiology Conference: class presentation    | (1) Presentation by residents  
(2) CBCT techniques for endodontics                                      | Dr. Liang |
| May 12   | Clinico-Radiology Conference: class Presentation    | (1) Presentation by residents  
(2) Topic selected by class members                                      | Dr. Benson |
| May 19   | Clinico-Radiology Conference: class Presentation    | (1) Presentation by residents  
(2) Topic selected by class members                                      | Dr. Benson |

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[http://aggiehonor.tamu.edu/RulesAndProcedures/](http://aggiehonor.tamu.edu/RulesAndProcedures/)
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:
   □ Undergraduate  ✔ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):
   Oral & Maxillofacial Radiology, TAMBCD
3. Course prefix, number and complete title of course:
   OMFR5V01

4. Change requested
   a. Prerequisite(s): From: ___________________________  To: ___________________________
   b. Withdrawal (reason):
   c. Cross-list with:

5. Is this an existing core curriculum course?
   □ Yes  ✔ No

6. If grade type is changing for existing course, indicate the new grade type:
   ✔ Grade  □ S/U  □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   □  I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

8. Complete current course title and current catalog course description:
   Detailed review of significant literature on all subjects related to oral and maxillofacial radiology. Critical evaluation of the scientific literature will be stressed. Students are assigned recent or classical articles from selected journals for critical review for scientific merit and relevance. Must be taken on a satisfactory/unsatisfactory basis.

9. Complete proposed course title and proposed catalog course description:
   Oral and Maxillofacial Literature Review. Detailed review of significant literature related to oral and maxillofacial radiology; critical evaluation of the scientific literature stressed; students assigned recent or classical articles from selected journals for critical review for scientific merit and relevance.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

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<tbody>
<tr>
<td>OMFR</td>
<td>5V01</td>
<td>Literature Review Journ Club</td>
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Approval recommended by:
Diane J. Flint  Larry L. Bellinger  Lawrence E. Wolinsky
   Date  Date  Date

Department Head or Program Chair (Type Name & Sign)  Chair, College Review Committee  Dean of College

Submitted to Coordinating Board by:
Associate Director, Curricular Services
   Date  Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu
Curricular Services - 08/14
Texas A&M University Baylor College of Dentistry

Literature Review / Journal Club
OMFR 5V01
Spring 2016
Wednesdays, 9:00PM – 9:50PM, Room 108

Course Description and Prerequisites:
Detailed review of recently published literature on all subjects related to oral and maxillofacial radiology; critical evaluation of the scientific literature; student assignment of recent and classical issues of selected journals for critical review of pertinent articles for scientific merit and clinical relevance.

Learning Outcomes:
Upon completion of this course, the student/resident will develop and optimize their skills in:

1. Critically evaluating of the professional literature.
2. Understanding the classical literature for the specialty.
3. Assessing the impact of current literature.

Instructor Information:
Byron W. Benson, DDS, MS, Regents Professor (Course Director)
214-828-8393
bbenson@bcd.tamhsc.edu
Room 108

Textbook and/or Resource Material:
None. Specific articles will be assigned for each session.

Grading Policies:
Students/residents are expected to attend all class and must tell the Course Director in advance of a planned absence.

Student grades will be based on:
Oral literature presentation #1 ................................................................. 50 points
Oral literature presentation #2 ............................................................... 50 points
Total for Course ....................................................................................100 points

Each student/resident will present several literature reviews, two of which will be graded. The presentation will primarily oral, but other presentation methods are also acceptable. The resident/student will decide which two presentations will be graded. For each graded presentation, the student/resident will also lead a discussion of the research methodology and clinical applications of the reviewed paper. The course director will assess the grade for the two papers and discuss the evaluation with the student/resident. With an excused absence, a makeup opportunity will be made available.
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[http://aggiehonor.tamu.edu/RulesAndProcedures/](http://aggiehonor.tamu.edu/RulesAndProcedures/)

Schedule:

This course will be scheduled for one hour each week for all six semesters of the program.

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<th>Session Title/Topic</th>
<th>Instructor(s) L. Name</th>
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Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments.

Form Instructions
1. Course request type:
   - Undergraduate
   - Graduate
   - First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Oral & Maxillofacial Radiology, TAMBCD

3. Course prefix, number and complete title of course:
   OMFR5V06

4. Change requested
   a. Prerequisite(s): From: ____________________ To: ____________________
   b. Withdrawal (reason): ____________________
   c. Cross-list with:
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11 a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete items 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?
   - Yes
   - No

6. If grade type is changing for existing course, indicate the new grade type:
   - Grade
   - S/U
   - P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:
   This course will prepare for the student/resident for the clinical practice of oral and maxillofacial radiology. The student/resident will develop the skills necessary to order, acquire, and interpret diagnostic imaging studies. This will include the formulation and dictation of interpretation reports and interactions with other health care professionals and patients. Must be taken on a satisfactory/unsatisfactory basis.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Clinical Oral and Maxillofacial Radiology Service. Course will prepare resident for the clinical practice of oral and maxillofacial radiology; develop resident skills necessary to order, acquire, and interpret diagnostic imaging studies; develop skills to formulate and dictate interpretation reports.

11. a. As currently in course inventory:

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<tr>
<th>Prefix</th>
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<td>OMFR</td>
<td>5V06</td>
<td>Clinical Oral Max Radio Serv</td>
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   b. Change to:

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   Approval recommended by:
   - Diane J. Flint
   - Larry L. Bellinger

   Date

   Larry L. Bellinger
   Chair, College Review Committee

   Date

   Lawrence E. Wolinsky
   Dean of College

   Date

   Submitted to Coordinating Board by:
   - Chair, GC or UCC

   Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services • 08/14
Texas A&M University Baylor College of Dentistry

Clinical Oral and Maxillofacial Radiology Service
OMFR 5V06
Spring 2016

Meeting Times and Location:
Mondays, 10:00-12:00, Room 115B
Wednesdays, 1:00-4:30 PM, Room 115B
Thursdays, 8:00-12:00, Room 115B
Fridays, 8:00-12:00 & 1:00-3:00, Room 115B

Course Description:
This course will prepare the student/resident for the clinical practice of oral and maxillofacial radiology. The student/resident will develop the skills necessary to order, acquire, and interpret diagnostic imaging studies. This will include the formulation and dictation of interpretation reports and interactions with other health care professions and patients. The course format is clinical.

Prerequisites:
None, but this course is sequenced in the OMR residency program curriculum.

Learning Outcomes:
This course is a major cornerstone in the development of a sound defendable rationale for the acquisition and interpretation of imaging studies to develop critical thinking, and in helping the aspiring oral and maxillofacial radiologist to be a scientifically-based clinician. In addition, it will help prepare the student/resident to successfully challenge the certification examination of the American Board of Oral and Maxillofacial Radiology.

The student/resident will develop and optimize their skills in:

1. Radiographic case selection
2. Supervision of imaging study acquisitions
3. Imaging reformatting/renderings
4. Imaging study interpretation and differential diagnosis
5. Dictation of interpretation reports
6. Inter-professional consultations
7. Case follow up
Instructor Information:
Diane J. Flint, DDS, MS, Associate Professor (Room 217, 214-828-8394
dflint@bcd.tamhsc.edu) – Course Director
Byron W. Benson, DDS, MS, Regents Professor (Room 108, 214-828-8393,
bbenson@bcd.tamhsc.edu)
Hui Liang, DDS, PhD, MS, Professor (Room 219, 214-828-8392, hliang@bcd.tamhsc.edu)

Textbook and/or Resource Material:
Required Textbook:
Oral Radiology - Principles and Interpretation. Stuart C. White and Michael J. Pharoah. Sixth

Recommended Textbooks:
Diagnostic Imaging: Head and Neck. H. Ric Harnsberger et al., Amirsys®. 2010
Oral and Maxillofacial Diagnostic Imaging. Allan G. Garman, Robert E. Wood, Christoffel J.
Nortje. Mosby. 1993

Grading Policies
Students/residents are expected to attend all class and must tell the Course Director in advanced
of a planned absence.

Student grades will be based on clinical evaluation and performance. Assessment will be made
mid-semester (40% of final grade) and end-of semester (60% of final grade). Grading will
examine decision making in the selection of image acquisition parameters (10%), image
reformatting (20%), case differential diagnosis and interpretation (40%), professionalism and
interpersonal skills with patient and staff (30%). Grading Scale: A (90-100), B (80-89), C (70-
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