EMF 365
Audio Production II

Course Description:
Multi-track studio recording and mixing; digital recording and editing.
Prerequisite: EMF 265

Course Objectives:
At the end of the course, the student should be able to:
1) Understand and demonstrate multi-track digital recording, editing, and mixing.
2) Understand studio equipment and signal flow
3) Demonstrate proficient selection and use of microphones
4) Demonstrate digital sampling and signal processing and effects
5) Understand and demonstrate intermediate and advanced features of Pro Tools

Required Textbooks:

Required Materials:
10 CD-Rs
** It is the policy of the EMF Department for all students to own an external Firewire drive. Details on the type of drive are posted outside the EMF office.
USB jump drive (at least 1 GB)

Recommended Materials:
External Firewire hard drive OR
5-10 DVD-Rs.

Audio Labs:
The audio labs are located in Van Bokkelen Hall, Rm. 106. It is required to use the audio labs for all assignments, with the possible exception of the final project, which will be discussed in class. There are also several computers with Pro Tools in the VML. Sign up in the VML to use any lab computer (even audio lab computers, which is a change from last year). You can use the labs 4 hours per week as well as sign out an overnight key.

Make sure that you save all of your files onto an external drive and/or writeable CD or DVD. Assume that your files will not be there the next time you use the computer.

It is recommended that you use the labs at least 2 hours a week, whether it be practicing
from class exercises or working on assignments. The final project should consist of at least 15 hours per student in the labs and/or 006. We will talk more about the labs in class.

Course Policies:
1. Incompletes: A grade of Incomplete is not given unless you are unable to complete the work required in the course because of verifiable medical reasons or documented circumstances beyond your control, as stated on page p25 of the current Undergraduate Catalog.

2. Disability Statement: Any student who may need an accommodation because of a disability, please make an appointment to see me during my office hours during the first week of class. A memo from Disability Support Services authorizing your accommodations will be needed.

3. Repeating the Course: Students may not attempt this course for a third time without prior permission from the Academic Standards Committee. See the TU policy on “Repeating Course” on page 26 of the current Undergraduate Catalog for further explanation.

4. Academic Conduct/Plagiarism: While this is not a writing class per se, plagiarism and academic dishonesty are not tolerated in this classroom. Please review the plagiarism statement for the Department of Electronic Media and Film and Towson University’s Academic Integrity document which can be found at: http://wwwnew.towson.edu/studentaffairs/judicialaffairs/academicintegrity.html

5. Attendance/Absence Policy: A student with more than three absences will be penalized one full letter grade. Students who miss more than five classes will be given an F in the class. Attendance will be taken at the beginning of class.

6. Lateness Policy: It is expected that each student arrives punctually. Students who are more than 5 minutes late will be marked as such on the attendance sheet. A student who is late more than three times will be penalized one full letter grade.
Course Procedures:
In order to identify and assess skill level and to maintain a balance of hands-on, theoretical, and creative applications of audio, this course will be primarily assignment and project based. All assignments and projects must be completed and turned in by the due date.

Assignments turned in late will be penalized 15 points per week up to three weeks. Assignments turned in later than three weeks will not be accepted and will be given a grade of “F.”

The final project may not be turned in late and will be given a “F” and will not be evaluated if turned in after the due date.

Grading:

<table>
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<tr>
<th>Grade</th>
<th>87-89</th>
<th>77-79</th>
<th>67-70</th>
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<td>C+</td>
<td>D+</td>
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<td>83-86</td>
<td>71-76</td>
<td>63-66</td>
<td>0-59</td>
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<td>90-92</td>
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<td>Assignment #1</td>
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<tr>
<td>Assignment #2</td>
<td>10%</td>
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<tr>
<td>Assignments #3, 4</td>
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<tr>
<td>Assignment #5</td>
<td>8%</td>
</tr>
<tr>
<td>Assignment #6 (group)</td>
<td>8%</td>
</tr>
<tr>
<td>Final Project (group)</td>
<td>25%</td>
</tr>
<tr>
<td>Class Participation</td>
<td>10%</td>
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Total: 100%

Assignments:
Assignment information will be posted on Blackboard. By mid-semester, all assignments will be posted, so that students can plan their time accordingly.

Assignment #1 – Microphones week #3
Assignment #2 – Editing week #5
Assignment #3 – Effects week #8
Assignment #4 – Band Recording (group) week #11
Assignment #5 – Sampling week #14
Assignment #6 – Studio Design (group) week #15
Final Project – As an individual or group of 2, create a professional CD. This can be 3-5 songs recorded in 006, a radio drama, or an audio documentary. The CD must look and sound professional.
Participation:
Class participation will be graded on the amount that the student participates in the classroom. This can be volunteering for hands-on exercises (engineer or talent), constructively adding to class discussions, or asking questions related to the topic at hand.

Reading:
The chapters and topics discussed in class are listed on the syllabus. It is the student’s responsibility to read the assigned chapters.
<table>
<thead>
<tr>
<th>Week #</th>
<th>Topics</th>
<th>Readings</th>
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<tbody>
<tr>
<td>1</td>
<td>Review of Audio I&lt;br&gt;Pro Tools Intro/Review – Recording</td>
<td>Huber Chapters 1 &amp; 2&lt;br&gt;Skim Donner Ch 1 (p22-42)</td>
</tr>
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<td>2</td>
<td>Pro Tools Recording &amp; Editing&lt;br&gt;Microphone Review&lt;br&gt;Stereo Microphones</td>
<td>Huber Chapters 3 &amp; 4 to p150&lt;br&gt;Donner Ch 2 to p68</td>
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<td>3</td>
<td>Pro Tools Editing&lt;br&gt;Studio Design&lt;br&gt;&lt;b&gt;Assignment #1 Due&lt;/b&gt;</td>
<td>Huber Chapter 4 p151-185&lt;br&gt;Donner Finish Ch 2&lt;br&gt;Skim Huber Chapter 5</td>
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<td>4</td>
<td>Pro Tools Editing</td>
<td>Huber Chapter 6&lt;br&gt;Donner Ch 4 to p128, Ch7</td>
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<td>5</td>
<td>Intro Mixing and Automation&lt;br&gt;Pro Tools Editing cont.&lt;br&gt;&lt;b&gt;Assignment #2 Due&lt;/b&gt;</td>
<td>Huber Chapters 11 &amp; 14&lt;br&gt;Finish Donner Ch 4, Ch 6</td>
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<td>6</td>
<td>Time-Based Effects&lt;br&gt;Dynamic Effects</td>
<td>Huber Chapter 12</td>
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<td>7</td>
<td>EQ &amp; other Effects</td>
<td>Huber Chapter 13</td>
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<td>8</td>
<td>&lt;b&gt;Effects Presentations&lt;/b&gt;&lt;br&gt;&lt;b&gt;Assign #3 Due&lt;/b&gt;</td>
<td>Donner Ch 5 to p177&lt;br&gt;Handout(s)</td>
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<td>9</td>
<td>MIDI&lt;br&gt;Recording Instruments I</td>
<td></td>
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<td>10</td>
<td>Recording Instruments II</td>
<td>Huber Chapter 7 &amp; 8&lt;br&gt;Handout(s)</td>
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<td>11</td>
<td>Mixdown &amp; Mastering&lt;br&gt;CD Creation&lt;br&gt;&lt;b&gt;Assignment #4 Due&lt;/b&gt;</td>
<td>Donner Ch 5 p177-192</td>
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<td>12</td>
<td>Sampling</td>
<td>Huber Chapters 16, 17, 18</td>
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<td>13</td>
<td>Sampling cont.</td>
<td>Donner Ch 7 to p289</td>
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<td>14</td>
<td>Studio Design&lt;br&gt;Pro Tools Review&lt;br&gt;&lt;b&gt;Assignment #5 Due&lt;/b&gt;</td>
<td>Handout</td>
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<td>Studio Design&lt;br&gt;Pro Tools Review&lt;br&gt;&lt;b&gt;Assignment #6 Due&lt;/b&gt;</td>
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<tr>
<td>Finals week</td>
<td><strong>Final Project Due</strong>&lt;br&gt;&lt;b&gt;Hands-on Test (Scheduled individually)&lt;/b&gt;</td>
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