RTD 376 Spring Semester 2014 Syllabus (PART I)

Instructor: Todd Herreman  
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Office: 13A (downstairs and down the hall from the New Media Center)  
Office Hours: Tuesday 2-5PM; Wednesday 1-4PM and by appointment.  
Office Phone: 536.7555 (main RT office)  
Class Times:  
Lecture: Wednesdays, 4-5:50PM  
Lab: Friday 10-11:50AM or Noon-1:50PM or 2-3:50PM

Headphones, Firewire Drive (7200rpm, at least 20 gig free space recommended)  
Blank DVDs for delivering projects and backing up work.

RTD376 is 3 Credit Hours; Prerequisite: RTD375 or permission of instructor.

**Course Description:** The purpose of this course is to further develop and apply the recording skills and knowledge introduced in RTD375. More advanced techniques and methods will be studied and practiced, including use of signal processing, routing, mixing and mastering.

**Course Objectives and Learning Expectations:** The objective is for the student to have command of a larger format in-line console, and record/mix a multi-track recording in Pro Tools, consisting of 12 to 24 tracks, utilizing mono and stereo tracks, mic techniques, multiple plug-ins, aux sends and returns, automation, and extensive use of outboard processing gear and patchbay. A short module introducing basic MIDI sequencing and use of synths and samplers will be included. These skills can then be applied in virtually any audio production environment.

**Course Assignments:** Assignments consist of readings in *Modern Recording Techniques* (required text) and handouts; written assignments (documentation) and audio projects. Written assignments are to be typed and turned in on time in class. Late submissions or hand written assignments will not be graded. Audio projects will be submitted on CD or on our space on the NMC server, depending on the project. File format and sample rate is dependent on the project and delivery method. (Server address: nmc.siu.edu; Name: rt376herreman; password: record)

**Attendance:** Two unexcused absences will be allowed during the semester. Subsequent absences will result in result in a letter grade reduction. All assignments are due on time.

**Participation:** Active participation is required in all class discussions and critique sessions.
**Make-Up Policy:** Quizzes, Mid-term and Final Exams (if applicable) and Projects will not be made up except under extreme, verified special circumstance (ie., family or medical emergency).

**Grading and Weight of Assignments:**

- Project I: 25 points
- Project II (including MIDI): 25 points
- Assignments A, B and C (mixes): 30 (10 each)
- Participation**: 20 points

Projects will be graded based on a.) completion of all required elements, b.) technical proficiency and creative use of tools, c.) complete documentation of all session parameters, and d.) overall success of the project. The parameters of each project are clearly outlined in the assignment handouts.

Note: Each of the above listed components considered for grading are weighted at 25% of each project.

** includes attendance, being on time, engaging in class, recording, etc.

**Lecture and Lab Schedule:** Weeks 1-16

Schedule and topics subject to revision at the discretion of the instructor.

**Weeks 1 - 7** *(1/19 – 3/06)*

Class Topics: Large format in-line console. Signal flow. Patchbay. Hands-on lab assignments. Project I, assigned January 21 in class; due in class, Mar. 4th. Assignment “A” can be done concurrently (see handouts). Handout in Lab, Jan. 23; due February 20th in Lab. Focus of assignment is use of plug-ins during mix (Compression, EQ, Delays and Reverb). Go to: [http://www.cambridge-mt.com/ms-mtk.htm](http://www.cambridge-mt.com/ms-mtk.htm)

Discussion in class:

Topics: Signal Flow and Mixing through the console. More Compression and EQ. Hardware and Software versions. Hands-on recording in class.