



DEPARTMENT OF FINE ARTS

COURSE OUTLINE – Winter 2016

DD2291 (A3): Music Technology IV – 3(3-0-0) W (10:00 – 13:00)

INSTRUCTOR: Dr. Shawn Pinchbeck **PHONE:** 780-539-2074
OFFICE: L214 **E-MAIL:** spinchbeck@gprc.ab.ca
OFFICE HOURS: Wednesday 9 – 10 am, 5 – 6 pm or by appointment

CALENDAR DESCRIPTION:

This course is a continuation of Music Technology III. Students will be expected to further develop their digital design skills and work towards developing a higher level of production skills. It provides an introduction to the techniques, theories, and practices of audio and video synchronization. The emphasis is on the production of well mixed and mastered recording projects. Students will be required to participate in field work, within the GPRC recording studio, to acquire additional practical experiences.

PREREQUISITE(S)/COREQUISITE:DD2281

REQUIRED TEXT/RESOURCE MATERIALS:

Text: Modern Recording Techniques 8th edition. Miles David Huber

A quality set of Headphones is required and it is recommended that students purchase their own external hard drives for saving projects. Multi-track audio projects can use large amounts of hard drive space, and students then need not worry about projects being accidentally erased. (500 GB or larger would be ideal)

DELIVERY MODE(S): Lecture and Lab

COURSE OBJECTIVES:

Students will continue to hone the skills and techniques acquired from Music Technology I, II, and III, delving deeper into DAW function and the SSL AWS 900+ and Audient Zen consoles. DAW compatibility and exportation of OMF files between DAWs will be introduced. Further topics in mastering, audio repair with Izotope RX3, creation of custom IRs with Altiverb 7, and other relevant audio software/hardware will also be explored.

LEARNING OUTCOMES:

Competency in the recording arts at a high level with a firm understanding of the functions and use of the hardware and software available in the GPRC studios.

TRANSFERABILITY:

(List of Institutions to which this specific course transfers)

Please consult the Alberta Transfer Guide for more information (www.transferralberta.com)

**** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability**

EVALUATIONS:

Students will be graded on the following projects:

- 1) A multi-track recording (studio or live capture) that is tracked in one DAW and the mixed in another. (25%)
- 2) A multi-track recording, which is mixed completely “out of the box” on the SSL console, and another mix done “out of the box” on the Zen console (25%)
- 3) A multi-track recording synced to video with elements of music, dialogue and effects. (25%)
- 4) Final exam based on topics and concepts covered in class. (25%)

This work will be graded on technical complexity, mixing, sound processing, and aesthetic impact.

GRADING CRITERIA: (The following criteria may be changed to suite the particular course/instructor)

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**. This means **DO NOT GET LESS THAN “C-” IF YOU ARE PLANNING TO TRANSFER TO A UNIVERSITY.**

Alpha Grade	4-point Equivalent	Percentage Guidelines		Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100		C+	2.3	67-69
A	4.0	85-89		C	2.0	63-66
A-	3.7	80-84		C-	1.7	60-62
B+	3.3	77-79		D+	1.3	55-59
B	3.0	73-76		D	1.0	50-54
B-	2.7	70-72		F	0.0	00-49

COURSE SCHEDULE/TENTATIVE TIMELINE:

Project A: Feb 24th
Project B: March 16th
Project C: April 13th

STUDENT RESPONSIBILITIES:

Booking studio time, and musicians for recording sessions is up to the responsibility of the student. Some class time will be given for course work (projects) but it is up to the student to complete projects in the studio outside of class time. You should become familiar with pages 34-46 of the GPRC 2015-2016 Calendar.

STATEMENT ON PLAGIARISM AND CHEATING:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, refer to the Student Conduct section of the College Admission Guide at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/**

**Note: all Academic and Administrative policies are available on the same page.

Additional Information (Optional):