



DEPARTMENT OF FINE ARTS

COURSE OUTLINE – DD2081 WINTER 2015

DD2081 – MUSIC TECHNOLOGY II 3(2-0-1) – TR 11:30-12:50

INSTRUCTOR: Chris McIntyre

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OFFICE: L118

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OFFICE HOURS: Fridays 10:00am-12:00pm, and by appointment

PREREQUISITE(S)/COREQUISITE: DD1081

REQUIRED TEXT/RESOURCE MATERIALS:

Text: Modern Recording Techniques, 8th edition. Miles David Huber. Students will need stereo headphones with 1/4 inch phono plug adapters.

It is recommended that students purchase their own external hard drives for saving and backing up projects.

CALENDAR DESCRIPTION: This is a continuation of DD1081 with more emphasis on composition and production techniques. The technical systems, recording, processing, editing, and mastering of digital audio are the subjects of this course. The application of these concepts for live sound reproduction and remote recording will be explored. Students will learn more advanced features of DAW software including automated mixing, time and pitch correction, and DSP plug-ins.

CREDIT/CONTACT HOURS: 3 (2-0-1) 45 hours

DELIVERY MODE(S): Lecture and Lab

OBJECTIVES: This course is intended to give students more experience with multitrack digital recording, including miking, digital editing, and mixing. Deeper DAW function of both Pro Tools and Digital Performer will be explored including DAW automation, DSP plugins, and pitch and time correction. Students will also learn more advanced MIDI sequencing techniques such as changes in velocity, pitch, tempo changes, etc. Students learn the art of sound reinforcement and capture used in live musical performances.

TRANSFERABILITY:

** 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

GRADING CRITERIA

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A⁺	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A⁻	3.7	80 – 84	FIRST CLASS STANDING
B⁺	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B⁻	2.7	70 – 72	
C⁺	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C⁻	1.7	60 – 62	
D⁺	1.3	55 – 59	MINIMAL PASS
D	1.0	50 – 54	
F	0.0	0 – 49	FAIL
WF	0.0	0	FAIL, withdrawal after the deadline

EVALUATIONS: Students will complete two substantial projects graded both on technical merit and artistic merit and will write a final exam. The student will also be required to demonstrate the set-up and operation of a live sound reinforcement system. The projects are listed below:

- a) A recording project demanding multiple microphone placements, and simultaneous multi-track digital recording. (30%)
- b) Demonstration of a working knowledge of miking, mixing, fold-back (monitoring), and amplification as used in good live sound reinforcement. (10%)
- c) An audio CD containing a minimum of 3 works demonstrating the student's greatest skill level with regards to the use of sequencing and digital audio. The first multi-track recording project may not be used.

These works must exhibit proper multi-track digital recording techniques, good editing, good panning and mixing. They should incorporate good use of DSP and EQ, DAW automation for MIDI and audio tracks (30%)

All projects must be done with the consultation and approval of the instructor

d) Final written exam based on topics and practical concepts covered in class (30%)

STUDENT RESPONSIBILITIES: Arranging for and acquiring back-up performers for recordings is an element of this course, and is the student's responsibility.

Regarding Studio and gear use: Studio times to be signed out Fine Arts studio manger.

You should become familiar with pages 34-46 of the GPRC 2014-2015 Calendar.

Attendance:

Attendance is mandatory.

More than 20% absenteeism may constitute a failure except for medical or extenuating circumstances in which case a doctor's letter may be required.

Students will receive a warning 'Notice Of Absenteeism' at 15% absenteeism.

After 20% absenteeism, you may be required to withdraw from the course.

Refer to Student Conduct, Attendance, page 42 of the college calendar.

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the College Policy on Student Misconduct: Plagiarism and Cheating at

https://www.gprc.ab.ca/files/forms_documents/Student_Misconduct.pdf

**Note: all Academic and Administrative policies are available at

<https://www.gprc.ab.ca/about/administration/policies/>

COURSE SCHEDULE/TENTATIVE TIMELINE:

Project A – February 5th

Live Sound - TBA

Project C - April 9th