

Course:	<b>DD2081–Music Technology II</b>
Session:	<b>Winter 2006</b>
Credit/Hours:	<b>3(3-0-0) 45 Hours</b>
Transfer:	UA, AU, Cu, KUC, Others
Pre/corequisite:	Prerequisite: DD2081 Audit Restrictions may apply
Instructor:	Chris McIntyre L125 780-539-2904 cmcintyre@gprc.ab.ca
Calendar Description:	This is a continuation of DD1081 More emphasis will be placed on composition and production techniques. The technical systems, recording, processing, editing and mastering of digital audio is a major focus of this course
Course Content:	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, the use of grooves and the drum editor, tempo changes, etc. Students learn to the art of sound reinforcement as used in live musical performances.
Evaluation:	<p>The student's 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 participate in the set-ups for live band performance in Howlers, or BJ's Q club depending on availability. The projects are listed below:</p> <p>a) A recording project demanding multiple microphone placements, and simultaneous multi-track digital recording. (30%)</p> <p>b) Demonstration of a working knowledge of miking, mixing, sound fold-back (monitoring), and amplification as used in good live sound reinforcement. (10%)</p> <p>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.</p> <p>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 (40%)</p> <p>All projects must be done with the consultation and approval of the instructor</p> <p>d) Final written exam based on topics and practical concepts covered in class (20%)</p>
Timeline:	
Required Materials:	Students will need stereo headphones with 1/4 inchphono plug adapters. Students will not be able nor will they be allowed to work in the music computer lab without head phones. Students will also need blank CDRs for storing and transferring data.
Additional Costs:	It is recommended that students purchase their own external hard drives for saving projects. Multi-track audio projects use large amounts of hard drive space, and students then need not worry about projects being accidentally erased. (100GB or larger would be ideal)
Attendance:	More than 20% absenteeism may constitute a failure except for medical or extenuating circumstances in which case a doctor's letter may be required.
Plagiarism:	<p>Lab Rules: Students are prohibited from installing additional software on the computers in the musiclab. Likewise, they are prohibited from changing any of the parameters of the keyboards or sound modules. Students who do not observe these rules may be prohibited from working in the music computer lab and will be required to withdraw from the course.</p> <p>Plagiarism is cheating. The instructor reserves the right to use electronic plagiarism detection services. See P. 40-50 of the Calendar for more details, and for explanation of many other policies and regulations.</p>

Reviewed: March, 2005