Fine Arts
Grande Prairie Regional College

Course:	**DD2081 Music Technology II**
Session:	**Winter 2007**
Credit/Hours:	3(3-0-0 45 Hours Delivery: Lecture and Lab
Transfer:	UA, AU, CU, KUC, Others
Notes:	DD1081 Audit Restrictions may apply
Instructor:	Dr. Paul H. Rathke L116 539 – 2015 prathke@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 will is intended to give students more experience with multi-track digital recording, including miking, digital editing, and mixing. 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 will be introduced to the art of sound reinforcement as used in live musical performances..
Evaluation:	The student's will complete two substantial projects graded both on technical merit and artistic merit. The student will also be required to participate in the set-ups for live band performance in Howlers. 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, sound fold-back, and amplification as used in good live sound reinforcement. (10%) c) An audio CD containing a minimum of 3 works demonstrating the students 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 automated MIDI controlled changes such as panning, pitch bending, tempo changes, velocity changes, modulation changes (vibrato), etc. and a MIDI drum track if needed. (60%) All projects must be done with the consultation and approval of the instructor
Timeline:	
Required Materials:	Students will need stereo headphones with 1/4 inch phono 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:	
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. Lab Rules: Students are prohibited from installing additional software on the computers in the music lab. 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.
Plagiarism:	Plagiarism is cheating. The instructor reserves the right to use electronic plagiarism detection services. See P. 33-43 of the Calendar for more details, and for explanation of many other policies and regulations.
Reviewed:	