

Course:	DD2281 Music Technology III		
Session:	Fall 2006		
Credit/Hours:	3(3-0-0) 45 Hours	Delivery Mode:	Lecture
Transfer:			
Pre/corequisite:	Prerequisite: DD2281		
Instructor:	Dr. Paul H. Rathke L116 539-2015 prathke@ gprc.ab.ca		
Calendar Description:	Advanced Techniques Employing Music Technology. This course is a continuation of Music Technology II. Students will be expected to further develop their skills and work towards developing a higher level of production skills. Emphasis will be given to a hands-on approach and personal creative expression. It expands the use of MIDI and hard-disc recording technology and their use in various digital design environments.		
Course Content:	Students will become more proficient in hard drive recording, focusing on advanced post-production techniques such as digital editing of sound files, and advanced signal processing (EQ, compression, expansion and gating, filtering, de-essing, delay, flanging, reverb, etc.). The making of music is a collaborative enterprise, therefore the scheduling of the studio, and other logistics involved with multi-track studio recording will be dealt with. Arranging for and acquiring back-up performers (horn players, strings, back-up singers, added percussion, etc.) is an important focus of this course. The emphasis will be on the completion of a well-mastered audio CD or an interactive CD-ROM.		
Evaluation:	The student's will be graded on three major projects: <ul style="list-style-type: none">a) A multi-track studio recording employing a drum kit, vocals and instruments, and MIDI reinforcement if necessary. This project must be well mixed, and well processed.b) A multi-track live acoustic performance using distant-miking techniques.c) A multi-track recording of a band in live performance with after-performance editing including over-dubbing, inserts, and processing.		
Timeline:			
Required Materials:	Stereo Headphones and CDRs		
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.		
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:			