

**GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF FINE ARTS**

Course Outline

DD2281 3(3-0-0) 45 Hours

Fall 2004

MUSIC TECHNOLOGY III

Instructor: Dr. Paul Rathke L116 539-2015

1. Course 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.

2. Prerequisite: DD2081

3. The Course in Perspective: 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.

4. Grading: The student's will be graded on three major projects:

- 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 and after-performance retakes, editing and processing.
- c) A multi-track recording of a band in live performance with after-performance editing including over-dubbing, inserts, and processing.