

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

Course Outline

DD1081 3(2-0-1) UT 45 Hours

Fall 2004

MUSIC TECHNOLOGY I

Instructor: Dr. Paul Rathke L116 539-2015

Transfer to UA, UC, CU, KUC and Others

Auditing Restrictions May Apply

- 1. Course Description:** The elements, technical systems, and architecture of music in the recording arts with emphasis on practical experience with MIDI, and hard disc recording.
- 2. Prerequisite:** none
- 3. The Course in Perspective:** This course will is intended to introduce students to computer systems and their application to the creation of music. The course will focus mainly on MIDI sequencing, and introduce the students to mixing boards, microphones, and digital recording. The students will be working within the Mac platform using Mark of the Unicorn's Digital Performer software.
- 4. Grading:** The student's will complete four assigned projects graded with different weighting. The projects are listed below:
 - a) A sequencing project demonstrating the ability to record and save a MIDI sequence. (10%)
 - b) A project requiring the importation of an audio file with prominent drums or percussion and the MIDI duplication of the drums in a separate drum track. (20%)
 - c) A multi-track sequence mixed and bounced down into an audio file. This project will be graded for technical proficiency and aesthetic appeal. (30%)
 - d) A product requiring MIDI sequencing and digital recording of real-time audio. This must be mixed bounced down and exported as an audio file. (40%)
- 5. Materials Required:** Students will need stereo headphones with $\frac{1}{4}$ inch phono plug adapters. Students will not be able nor will they be allowed to work in the computer lab without headphones. Students will also need blank CD-Rs for storing and transferring data.
- 6. 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.
- 7. Course Attendance:** Students who are absent from more than 20% of classes (including required lab time) will automatically be given a failing grade.