

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF FINE ARTS

Course Outline
MUI080 UT 3(2-0-1) Winter 1998

An Introduction to Music Technology

Time and Location: Tuesday: 13:30 -14:50 M130 Lab- TBA L101
Instructor: Paul Rathke

1. **Course Description:** An introduction to MIDI, computer, and recording technologies.
2. **The Course in Perspective:** The purpose of this course is to introduce the compositional and educational practices of MIDI software, samplers, various types of synthesis and the use of analog/digital recorders with an emphasis on providing hands-on experience with current music technology.
3. **Assignments:** Regular assignments will require the student to demonstrate a theoretical and working knowledge of various components in the recording studio. In addition, each student will program an existing or original composition of not less than three minutes duration.
4. **Grading:** The student's grade will be determined by the following weighting:
 - A. 25% for classroom discussion and assignments.
 - B. 30% for term project.
 - C. 15% for mid-term examination.
 - D. 30% for final examination.
5. **Topics:** MIDI, recording, mixing, engineering, programming, digital mastering and related music technologies.
6. **Lab Fee:** approximately \$10.00 for tape and computer disc costs.
7. **Text:** Penfold, R. *Advanced MIDI User's Guide*. Glasgow: Bell & Bain
8. **Suggested Readings:** (on reserve)

Bartlett, Bruce. *Introduction to Professional Recording Techniques*. Indiana: Howard W. Sams & Company, 1987.
Boom, Michael. *Music Through MIDI*. Washington: Microsoft Corporation, 1987.
Miller, Fred. *Studio Recording for Musicians*. New York: Consolidated Music Publishers, 1981.
Rona, Jeff. *MIDI: the Ins, Outs and Thrus*. Milwaukee, Wisconsin: Hal Leonard Publishingj 1989.