

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF FINE ARTS
Course Outline
DD1081 UT 3(2-0-1) 1999-2000
Introduction to Music Technology

Time and Location: Tuesday: 13:30 -14:50 M130 Lab- TBA L102

Instructor: Dr. Paul Rathke

1. **Course Description:** An introduction to MIDI, computers, 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. All projects must be created on a Mac platform with the software used in the IDD studios.
4. **Labs:** Every student *must attend* a supervised lab for at least one hour per week. Failure to do so will result in a lowering of the final grade.
5. **Grading:** The student's grade will be determined by the following weighting:
 - A. 45% for assignments.
 - Soundscape
 - Drum Track
 - Using Pro-tools™ to mix real-time audio with sequenced sounds or Deck II™ to add sound to Quicktime™ movie or animation
 - B. 30% for term project. This project must include a number of media and techniques learned in the course.
Note Well: Collaborative projects will not be accepted. Only one student will receive a grade for a project.
 - C. 25% for final examination.
5. **Topics:** MIDI, sequencing, direct to hard drive recording, mixing, digital mastering and related music technologies.
6. **Lab Fee:** approximately \$50 for tape and computer disc costs. All students must provide their own earphones. **Earphones must be used if others are working in the studio.**
7. **Text:** Students must photocopy text prepared by instructor.
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 Publishing 1989.