

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF FINE ARTS

Course Outline
MU2080 UT 3(2-0-1) Winter 1998

Advanced Music Technology

Time and Location: Thursday 13:30 -14:50 Lab - TBA
Instructor: Rolf Boon

1. **Course Description:** A continuation of MU1080 with an emphasis on composition and production techniques.

2. **Prerequisite:** MU 1080 *Introduction to Music Technology*

3. **The Course in Perspective:** The purpose of this course is to continue to develop skills learned in MU 1080. Students will be expected to contribute their expertise in the recording of student and ensemble performances. In addition, they will be required to demonstrate a higher level of composition, orchestration and production skills and an overall understanding of advanced recording, sequencing, and sound engineering.

Note: Should we acquire hard drive technology this term, we will endeavor to explore capabilities of this recent technology.

4. **Grading:** The student's grade will be determined by the following weighting:

- A) 25% for classroom participation and assignments.
- B) 15% for term project.
- C) 15% for mid-term examination.
- D) 15% for class quizzes.
- E) 30% for final examination.

5. **Topics:** acoustics, live and studio recording, MIDI, SMPTE, digital design tools, production, and sound engineering.

6. **Lab Fee:** approximately \$20.00 for DAT tape.

7. **Required Texts:**

Bartlett, Bruce. *Introduction to Professional Recording Techniques*.

Indiana: Howard W. Sams & Company, 1987.

Boon, Michael. *Music Through MIDI*. Washington: Microsoft Corporation, 1987.

Hurting, Brent. *Multi-track Recording for Musicians*. Van Nuys: Alfred Publishing Co., Inc., 1988.