

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF FINE ARTS
Course Outline
DD2081 UT 3(2-0-1) 1999-2000 W
MUSIC TECHNOLOGY II

Time and Location: Thursday 13:30 -14:50 Lab L101 - TBA

Instructor: Dr. Paul Rathke

1. **Course Description:** A continuation of DD2081 with an emphasis on composition, recording and production techniques.
2. **Prerequisite:** DD1081 *Introduction to Music Technology*
3. **The Course in Perspective:** The purpose of this course is to continue to develop skills learned in DD1081. Students will be expected to further develop their expertise in digital music composition and production. Areas covered include the recording of student, ensemble performances, compact disk portfolios, and or merging sound with visual art technology projects. 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.
4. **Grading:** The student's grade will be determined by the following weighting:
 - A) **45% for Assigned Projects.**
 - Sequence using sound banks to produce a well-orchestrated composition
 - Digitally recorded and edited acoustical performance
 - Mixed and mastered musical work including real time audio.**All projects must be created on a Mac platform with the software used in the IDD studios.**
 - B) **30% for term project** (Full CD or 1/2 hour video production or animation with sound track.
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:** acoustics, live and studio recording, MIDI, SMPTE, sound design tools, production, and sound engineering, and introduction to acoustics and microphones.
6. **Supplies:** All students must provide their own earphones. **Earphones must be used if others are working in the studio.** Other expenses include: approximately \$15.00 for DAT tape; the purchase of a 1Gb Jaz Disk (highly recommended, app. \$140.00). If students use Music Studio A (L101) the purchase of a Jaz disk is required. IDD visual arts students should purchase zip-discs to transport files.
7. **Articles may be assigned from the following texts:**

Bartlett, Bruce. *Introduction to Professional Recording Techniques*. Indiana: Howard W. Sams & Company, 1987.

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

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