

DEC 16 2000

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF FINE ARTS

Course Outline
DD2081 UT 3(2-0-1) Winter 2001

Advanced Music Technology

Time and Location: Wednesday 8:30 -9:50 L102.; Labs - TBA

Instructor: Dr. Paul Rathke

1. **Course Description:** A continuation of DD1081 with an emphasis on composition, recording and production techniques.
2. **Prerequisite:** MU1081 *Introduction to Music Technology*
3. **The Course in Perspective:** The purpose of this course is to continue to develop skills learned in MU1081. Topics of a more technical nature will be covered, eg.: acoustics, microphones, recording techniques, studio design and management, etc. Students will be required to demonstrate a higher level of composition, digital orchestration and production skills and an overall understanding of advanced recording, sequencing, and sound engineering. Students will be expected to contribute their expertise in the recording of student, ensemble performances, compact disk portfolios, and or merging sound with visual art technology projects.
4. **Grading:** The student's grade will be determined by the following weighting:
 - A) 40% for Assigned Projects.
 - Digitally recorded instrumental or vocal with sequenced backup.
 - Digitally recorded and edited acoustical performance (concerts and recitals may be assigned.)
 - B) 40% for term project (well produced CD or 1/2 hour video production with sound score.
 - C) 20% for final examination.
5. **Topics:** acoustics, live and studio recording, MIDI, SMPTE, digital and analog sound processing tools, production, and sound engineering.
6. **Supplies:** approximately \$50.00 for DAT tapes, and/or digital mini-discs. Students intending to produce a full length CD with the primary sound source being acoustic audio tracks may need to invest in a JAZ disk (approximately \$140 dollars.)
7. **Articles of a technical nature will be provided by the instructor. They will be mounted on the lab harddrives as Microsoft Power Point presentations. Hard copies will be available in the library for study.**