

**GRANDE PRAIRIE REGIONAL COLLEGE**  
**DEPARTMENT OF FINE ARTS**  
**Course Outline**  
**DD2291 3(3-0-0) Winter 2004**  
*MUSIC TECHNOLOGY IV*  
Instructor: Dr. Paul Rathke

- 1. Course Description:** Advanced Techniques Employing Music Technology.
- 2. Prerequisite:** MU 1510, MU 1560, MU1010 and DD1021
- 3. The Course in Perspective:** This course is a continuation of Music Technology III. Students will become more proficient in hard drive recording, focusing on advanced post-production techniques such as digital editing of sound files, signal processing (EQ, compression, expansion and gating, filtering, de-essing, delay, flanging, reverb, etc), mixing, and mastering. The students will be presented with the intricacies of synchronization with other media. The logistics of multi-track studio recording will be dealt with. Arranging for and acquiring back-up performers (horn players, strings, back-up singers, added percussion, etc.) is an important focus of this course. The emphasis will be on the completion of a well mastered audio CD or an interactive CD-ROM.
- 4. Grading:** The student's will be graded on one major project—a complete CD or CD-ROM exhibiting the most advanced technical skills of the student. This work will be graded on it technical complexity, mixing, sound processing, and aesthetic impact.