Douglas College

EFFECTIVE: SEPTEMBER 2011
CURRICULUM GUIDELINES

A.	Division:	**EDUCATION**	Effective Date:	**September 2011**
B.	Department / Program Area:	**LANGUAGE, LITERATURE**		

M:	Course Objectives / Learning Outcomes

Through lecture/demonstrations and lab work, students will explore advanced techniques in synthesis and audio. Emphasis will be placed on ways in which audio and synthesis are combined in modern music production, along with more experimental uses of this technology.

On successful completion of the course students will be able to work unassisted, with recording and sequencing software, and will understand and be able to apply the following:

1. Advanced audio editing
2. Advanced software instruments
3. Virtual orchestras
4. Distributed processing
5. Sequencing in live performance
6. Ensemble performances
7. Individual topics.

N:	Course Content:

1. Advanced audio editing, including time stretching, transpositions, loop points etc.
2. Advanced software instruments, including synthesizer, percussion and string modeling instruments.
3. Virtual orchestras: aesthetics and possibilities.
4. Distributed processing, including multicore and multiprocessor systems.
5. Sequencing in live performance, using standard DAW software and specialized "Live" programs.
6. Ensemble performances (ie., forming a "MIDI Band" for live performance)
7. Students may explore individual topics in this class, in consultation with the instructor.

O: Methods of Instruction

Lecture/demonstration. Students w