



# COURSE OUTLINE

**Course Name:** Electronic Music 1

**Course Number:** MUSC 2302

**Number of Credits:** 3.0

**Effective Date:** September 2018

**Course Description:**

Electronic Music 1 is the first of a two-course sequence for students wishing to concentrate on electronic music. This course is intended for composers and other musicians interested in exploring further digital and other electronic media for the creation of music and multimedia works. There is a particular focus on sound synthesis, introducing synthesis techniques such as sampling, and advanced sample processing, FM, additive, subtractive, and physical modeling synthesis, primarily using computer synthesis software. A certain amount of the necessary background in psychoacoustics, and basic principles of acoustics as applied to sound synthesis will be covered in the first term. Students will also be introduced to the history, aesthetic issues, and current and future directions of electronic music in all current styles via listening and discussion classes. Students will compose, realize, and produce a work in the digital medium.

**School or Centre:**

Arts and Science

**Year of Study:**

2nd Year Post-secondary

**Course History:**

New Course

**Name of Replacing Course (if applicable):**

**Course Pre-requisites (if applicable):**

MUSC 1419 or permission of instructor

**Course Co-requisites (if applicable):**

**PLAR (Prior Learning Assessment & Recognition)**

No  Yes (details below):

1. Practical and/or written examinations that demonstrate ability at or above the final exam and learning outcomes of this course.
2. A successful interview with the Music Department Leader and one other regularized music faculty member

**Instructional Strategies:**

Lecture and lecture-demonstrations, assigned reading and listening quizzes, introduction to research  
Instructional strategies include lecture, demonstration, group discussion and activities, independent study, and hands-on practice with computer software.

**Course Learning Outcomes:**

Upon the successful completion of this course, the student will be able to:

- Use the computer as a compositional environment for the creation of their own music
- Use current platforms, software and hardware to create music and multi-media works

**Program Learning Outcomes:**

Upon successful completion of the Music Diploma, students will be able to:

1. Perform/compose in solo and ensemble contexts in one or many idioms.
2. Demonstrate critical awareness and the ability to self-evaluate about core concepts of musicianship.
3. Demonstrate awareness of historical and contemporary styles and practices in academic, practical skills and other performance contexts.
4. Meet or exceed standards of musical literacy appropriate at an undergraduate level of instruction.
5. Demonstrate mastery of vocal and/or instrumental performance techniques.
6. Promote themselves as professionals in the Music Industry and related professions.

## Evaluation/Grading System

Grading System	Specify if 'Other':	Specify Passing Grade:
Letter Grades		C-

## Components and Weighting of the Assessment/Evaluation Plan:

Type	Percentage	Evaluation Plan (provide a brief explanation for each component especially if value exceeds 35%):
Project	15	Preparatory Project 1
Project	15	Preparatory Project 2
Project	15	Preparatory Project 3
Project	30	Final Composition Project
Midterm Exam	10	
Final Exam	15	
<b>Total</b>		<b>100</b>

## Learning Environment/Type

Instruction Type	Hours Per Instruction Type	Comments
L - Classroom	42	
-		
<b>Total</b>		<b>42</b>

## Resource Material(s):

Resources are items in addition to tuition that the student is responsible for purchasing. Course resource information will be supplied by the department/instructor.

**Course Topics:**

- Digital and analog synthesis
- Recording
- Live, interactive electronics
- Multi-media
- Introduction to acoustics and psychoacoustics
- Basic audio recording into the computer using both mic and line
- Sample management and processing
- Introduction to sound synthesis using software synths/samplers
- Introduction to the repertoire of electronic music
- Introduction to electronic music composition
- Introduction to the computer as compositional environment
- Introduction to sequencing
- Basics of sound mixing and mastering

## **VCC Education and Education Support Policies**

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them.

The policies are located on the VCC web site at:

<http://www.vcc.ca/about/governance--policies/policies/>

To find out how this course transfers, visit the BC Transfer Guide at [www.bctransferguide.ca](http://www.bctransferguide.ca).

### **FOR COMMITTEE USE ONLY**

Approved by Curriculum Committee:

Approved by Education Council: