CAMOSUN COLLEGE
School of Arts & Science
Department of Music

MTEC-214-DX01
Virtual & Software Instruments
Winter 2019

COURSE OUTLINE

The course description is online @ http://camosun.ca/learn/calendar/current/web/mtec.html

Ω *Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.*

1. Instructor Information

(a)	**Instructor**	Thilo Schaller	
(b)	**Office hours**	By appointment	
(c)	**Location**	online	
(d)	**Phone**		**Alternative:**
(e)	**E-mail**	thiloschaller@gmail.com	
(f)	**Website**	www.thiloschaller.com	

2. Intended Learning Outcomes

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

1. Simulate acoustic performance of music using software instruments in such a way that a practitioner of acoustic instruments would accept the virtual performance as representative of acoustic capability and expression.
2. Produce moderately complex musical examples for digital performance through essential virtual and software instruments.
3. Arrange a moderately complex musical example for alternate instruments and render the example for digital performance to indicate understanding of appropriate instrumental use in non-traditional musical settings.
4. Create and capture unique virtual and software instruments or sounds, and employ a selection of these in an original digital performance.
5. Discuss the attributes of a variety of virtual and software instruments in their application to professional and academic settings

3. Required Materials

(a) Texts: D2L contains all course texts or provides links to sites with the relevant materials.

(b) Other: Computer (Mac or PC), audio/MIDI interface, MIDI keyboard controller, loudspeakers or headphones, DAW, Vienna Symphonic Library Special Edition Volume 1, Vienna Key (or Steinberg Key)

4. Course Content and Schedule

Dates: January 7 – April 23
Location: D2L online platform
Class Times: Weekly or bi-weekly modules

This course is delivered online through D2L. New modules will be made available on a weekly or bi-weekly basis. The modules contain text, videos, quizzes, and assignments which have to be completed before accessing the next module.

Assignments and Submission Deadlines:
In order to allow individual learning pace, each assignment has a recommended submission deadline as well as a final deadline. The recommended deadline ensures steady progress throughout the entire semester. The final deadline is the date by which the assignment has to be submitted to be considered for grading and receiving credit. Following the recommended deadlines will prevent you from procrastinating and having to rush through some time-intensive practical exercises during the last weeks of the semester.

Quizzes: Some modules contain quizzes which test the comprehension of the content of video lectures and reading assignments. Quizzes are included at the end of the modules and have to be taken before continuing with the next.

Discussions: Some assignments submissions will be discussed in class (online 'Discussions'). Your credit for 'participation' will be based on your activity within the discussions.

5. Basis of Student Assessment (Weighting)

(a) Assignments (60%)
As the course is practical, a large portion of the final grade is based on the successful completion of assignments and the quality of the submitted work.

(b) Quizzes (10%)
Regular quizzes test the comprehension of lectures and reading assignments.

(c) Participation (10%)
Your participation in the discussion of submitted works within the discussion forums.

(d) Final Project (20%)
The course cumulates in a final project in which the learnt techniques will be applied to a complete virtual orchestral arrangement.

6. Grading System

[x] Standard Grading System (GPA)

[ ] Competency Based Grading System

7. Recommended Materials to Assist Students to Succeed Throughout the Course

Books: Samuel Adler, *The Study of Orchestration*
         Nikolai Rimsky-Korsakov, *Principles of Orchestration*
         Andrea Pejrolo, *Acoustic and MIDI Orchestration for the Contemporary Composer*
         Paul Gilreath, *The Guide to MIDI Orchestration*
Software: VSL Special Edition Volume 1 PLUS

Additional resources will be provided within D2L.

8. College Supports, Services and Policies

Immediate, Urgent, or Emergency Support
If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ http://camosun.ca/about/mental-health/emergency.html or http://camosun.ca/services/sexual-violence/get-support.html#urgent

College Services
Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at http://camosun.ca/

College Policies
Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at http://camosun.ca/about/policies/. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

A. GRADING SYSTEMS *http://camosun.ca/about/policies/index.html*

The following two grading systems are used at Camosun College:

1. Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description

COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

B. Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at http://camosun.ca/about/policies/index.html for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	*Incomplete*: A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	*In progress*: A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
CW	*Compulsory Withdrawal*: A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.