UNIVERSITY OF CALGARY
FACULTY OF ARTS
SCHOOL OF CREATIVE AND PERFORMING ARTS
Course Number and Title: MUSI 255 Introduction to Music Technology
Session: Autumn 2019

Instructor Office Email Office Hours	Dr. Laurie Radford Craigie Hall E 211-C lradford@ucalgary.ca By appointment
Day(s), time(s) and location of Class	Craigie Hall F-202 MWF 11:00 – 11:50
Out of class activities	Field recording; event attendance
Learning resources: required readings, textbooks and materials	Reading and listening suggestions to be provided in class Personal laptop computer and mobile phone (suggested) Flash drive(s) or hard drive(s) for backup Campus Internet/Email account
Prerequisites	none
Supplementary fees	N/A
Course description	An exploration of current technology for music making and appreciation including recording hardware and software, MIDI-based devices for integration with sound systems and interactive/media performance, audio file formats, score preparations and basic audition theory.
Course learning outcomes	By the completion of this course, successful students will be able to: 1. Possess an understanding of the history of the evolution and development of sound and music technology. 2. Understand the technical and theoretical foundations of sound and of a variety of technologies employed in music creation and performance. 3. Understand the role of technology in sound and music creation and performance as well as the importance of technological skills for communications and documentation activities important to a career in sound and music. 4. Understand the roles and uses of a variety of technologies for current music pedagogy. 5. Employ a variety of hardware and software technologies to create and perform music and sound art.
Course schedule	Week 1 – 2 Introduction (Technology, Sound) Week 3 – 4 Capturing and Making Sound Week 5 – 6 New Instruments – Electronic Instruments Week 7 – 8 Composition and Notation Week 9 – 10 Network and Mobile Music and Communications Week 11 – 12 DIY and New Practices Week 13 Final Projects
Assessment components	Assignment 1: Value: 10% Due Date: October 4 Type: Project / Etude #1 Description: Audio-MIDI Sequencer Composition Project

	Assignment 2:
	Value: 10%
	Due Date: Friday, October 11
	Type: Quiz #1
	Description: Examination of topics and concepts covered in the class
	Assignment 3:
	Value: 15%
	Due Date: Friday, October 18
	Type: Written Research Paper #1
	Description: NIME or Virtual Instruments or Synthesis
	Assignment 4:
	Value: 10%
	Due Date: Friday, November 1
	Type: Project / Etude #2
	Description: Sound Composition or Computer Assisted Composition or Notation
	Assignment 5:
	Value: 10%
	Due Date: Wednesday, November 20
	Type: Project / Etude #3
	Description: Website + Audio or Mobile Performance or Technology in Music Education
	Assignment 6:
	Value: 10%
	Due Date: Friday, November 22
	Type: Quiz #2
	Description: Examination of topics and concepts covered in the class
	Assignment 7:
	Value: 15%
	Due Date: Friday, November 29
	Type: Written Research Paper #2
	Description: Audiovisual Art or Sound Installations or Laptop/Live-Coding Practices
	Assignment 8:
	Value: 20%
	Due Date: Friday, December 2, 4, 6 (TBD)
	Type: Final Project
	Description: In-class presentation of final creative projects
Assessment expectations	Guidelines for Submitting Assignments
	All written and audio work to be submitted must be either 1) sent to the instructor via a file transfer service (DropBox, WeTransfer, Google Drive, etc.) or 2) submitted to the instructor on an easily readable physical medium (CD/DVD-R, Flash drive).
	Criteria That Must Be Met To Pass
	Assignments must demonstrate a sincere and imaginative engagement with the objectives and challenges of the creative or research exercise.
	Expectations for Writing:
	Writing skills are important to academic study across all disciplines. Consequently,

	instructors may use their assessment of writing quality as a factor in the evaluation of student work. Please refer to the Undergraduate Calendar E.2 Writing Across the Curriculum policy for details. Guidelines for Formatting Assignments Written assignments should include 1) a title page and appropriate footnotes and a bibliography/list of references. The text should be double-spaced. Follow MLA guidelines for formatting the main text and a standard format for the bibliography (eg. MLA, APA, Chicago). Audio and software assignments should be formatted and prepared according to the specific instructions of the exercise. Late Assignments The grade for assignments submitted more than one week late will be reduced by 2% per day. Expectations for Attendance and Participation: Please refer to the Undergraduate Calendar E.3 Attendance for details. Participation includes regular attendance at classes, appropriate preparation and presentation of assignments, and active contribution to in-class discussions.
Grading scale	For the course as a whole, letter grades should be understood as follows, as outlined in the section F.1.1 Undergraduate Grading System of the Undergraduate Calendar for 2019-2020:

Grade	Grade Point Value	Description
A+	4.00	Outstanding performance
A	4.00	Excellent performance
A-	3.70	Approaching excellent performance
B+	3.30	Exceeding good performance
B	3.00	Good performance
B-	2.70	Approaching good performance
C+	2.30	Exceeding satisfactory performance
C	2.00	Satisfactory performance
C-	1.70	Approaching satisfactory performance.
*D+	1.30	Marginal pass. Insufficient preparation for subsequent courses in the same subject
*D	1.00	Minimal Pass. Insufficient preparation for subsequent courses in the same subject.
F	0.00	Failure. Did not meet course requirements. Several Faculties utilize an F grade that does not carry weight in calculating the grade point average. This will be noted in the calendar description as "Not Included in GPA" where applicable.
**I	0.00	Incomplete. Sufficient work has not been submitted for evaluation, unable to adequately assess. May also be used when a final exam is not submitted.
CR		Completed Requirements. Carries no weight in calculating the grade point average. This will be noted in the calendar description as "Not Included in GPA" where applicable
RM		Remedial Work Required. Utilized by the Cumming School of Medicine (MD

		program). Carries no weight in calculating the grade point average. This will be noted in the calendar description as "Not Included in GPA" where applicable.

- The following numerical rubric will be applied:

A+ 97.6-100   A 92.6-97.5   A- 90-92.5
B+ 87.6-89.9   B 82.6-87.5   B- 80-82.5
C+ 77.6- 79.9   C 72.6-77.5   C- 70-72.5
D+ 67.6-69.9   D 62.6-67.5   F 0-62.5

Notes:
- A grade of "C-" or below may not be sufficient for promotion or graduation, see specific faculty regulations.
- The number of "D" and "D+" grades acceptable for credit is subject to specific undergraduate faculty promotional policy.

Student Support	Please visit this link for a concise list of UCalgary's student support services: https://www.ucalgary.ca/registrar/registration/course-outlines
Academic integrity, plagiarism	The University of Calgary is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are referred to the section on plagiarism in the University Calendar (ucalgary.ca/pubs/calendar/current/k-3.html; ucalgary.ca/pubs/calendar/current/k-5.html) and are reminded that plagiarism—using any source whatsoever without clearly documenting it—is an extremely serious academic offence. Consequences include failure on the assignment, failure in the course and possibly suspension or expulsion from the university. You must document not only direct quotations but also paraphrases and ideas where they appear in your text. A reference list at the end is insufficient by itself. Readers must be able to tell exactly where your words and ideas end and other people's words and ideas begin. This includes assignments submitted in non-traditional formats such as Web pages or visual media, and material taken from such sources. Please consult your instructor or the Student Success Centre (TFDL 3rd Floor) if you have any questions regarding how to document sources.
Internet and electronic communication device	elearn.ucalgary.ca/category/d2l/ ucalgary.ca/emergencyplan/emergency-instructions/uc-emergency-app The in-class use of computers may be approved by your Instructor. Cell phones and other electronic communication devices should be silenced or turned off upon entering the classroom. If you violate the Instructor's policy regarding the use of electronic communication devices in the classroom, you may be asked to leave the classroom; repeated abuse may result in a charge of misconduct. No audio or video recording of any kind is allowed in class without explicit permission of the Instructor. For more information on Freedom of Information and Privacy visit: ucalgary.ca/legalservices/foip
Copyright	All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.