



UNIVERSITY OF CALGARY
FACULTY OF ARTS
SCHOOL OF CREATIVE AND PERFORMING ARTS
MUSI 453 - Computer Applications in Music
Winter 2023

Instructor	Melike Ceylan & Abdullah Soydan
Office	N/A
Email	melike.ceylan@ucalgary.ca & abdullah.soydan1@ucalgary.ca
Office Hours	By appointment
Day(s),time(s) and location of Class	MWF, 1:00 - 1:50 PM Sonic Arts Lab (AB 657) & Integrated Arts Media Lab (AB 659)
Learning resources: required readings, textbooks and materials	Readings will be assigned in class. Max (cycling74.com/products/max) will be the main programming environment used in this course. Since Max is a paid software, either a purchase of the program (250 USD) or a three-month subscription (3 x 9.99 USD) will be required to save projects after its 30-day trial period is over. Students can access the program for free in the Integrated Arts Media Lab (wpsites.ucalgary.ca/iaml/).
Learning Technologies and Requirements	There is a D2L site for this course which contains required readings and other relevant class resources and materials (see d2l.ucalgary.ca). A pair of headphones and a USB memory stick are recommended.
Prerequisites	None
Course description	Use of computers in music composition, performance, education, and interdisciplinary media. An introduction to concepts and techniques of computer music with an emphasis on interactive applications and programming. Through the completion of a series of applied creative projects, students will acquire a basic understanding of various creative and technical approaches to the use of computers in sound and music.
Course learning outcomes	By the completion of this course, successful students will be able to: 1. demonstrate knowledge of practical concepts and techniques for sound programming and design 2. demonstrate interactive design between external controllers and the Max environment 3. understand the technical and theoretical foundations of digital audio 4. employ a variety of hardware and software technologies to create and perform music and sound works
Course schedule	A detailed course schedule will be posted on D2L.
Assessment components	Details about the assignments can be found on D2L. <u>Assignment 1</u> : Creative Project #1 Assessment Method: Audio and Max patch submission & in-class performance Description: Creative project employing fundamental audio synthesis techniques Weight: 25% Due Date: February 17

	<p><u>Assignment 2: Creative Project #2</u> Assessment Method: Audio and Max patch submission & in-class performance Description: Creative project focusing on sound file manipulation techniques and sequencing Weight: 30% Due Date: March 17</p> <p><u>Assignment 3: Final Project</u> Assessment Method: Audio and Max patch submission & in-class performance Description: A student-driven creative project in the form of an interactive performance, installation, or composition. Students must consult with the instructors about the concept of their projects. Weight: 45% Due Date: April 12</p>												
Assessment expectations	<p><u>Guidelines for Submitting Assignments:</u> All written and audio assignments can be submitted to the instructor via D2L Dropbox or via e-mail (large audio files must be sent via a link).</p> <p><u>Missed or Late Assignments:</u> The grade for the assignments submitted within the week after the due date will be reduced by 25%. Assignments submitted more than one week late will not be accepted.</p> <p><u>Expectations for Writing:</u> 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.</p>												
Grading scale	<p>Undergraduate: https://www.ucalgary.ca/pubs/calendar/current/f-1-1.html</p> <ul style="list-style-type: none"> • 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. <p>Graduate: https://www.ucalgary.ca/pubs/calendar/current/f-1-2.html</p> <ul style="list-style-type: none"> • All grades of "C+" or lower are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements. Individual programs may require a higher passing grade. <p>Grading Scale: The following percentage-to-letter grade scale will be used:</p> <table border="0"> <tr> <td>A+ 96-100</td> <td>A 91-95</td> <td>A- 86-90</td> </tr> <tr> <td>B+ 81-85</td> <td>B 76-80</td> <td>B- 71-75</td> </tr> <tr> <td>C+ 67-70</td> <td>C 62-66</td> <td>C- 58-61</td> </tr> <tr> <td>D+ 54-57</td> <td>D 50-53</td> <td>F 0-49</td> </tr> </table>	A+ 96-100	A 91-95	A- 86-90	B+ 81-85	B 76-80	B- 71-75	C+ 67-70	C 62-66	C- 58-61	D+ 54-57	D 50-53	F 0-49
A+ 96-100	A 91-95	A- 86-90											
B+ 81-85	B 76-80	B- 71-75											
C+ 67-70	C 62-66	C- 58-61											
D+ 54-57	D 50-53	F 0-49											
Academic Accommodation	<p>It is the student's responsibility to request academic accommodations according to the University policies and procedures listed below. The Student Accommodations policy is available at https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations.</p> <p>Students needing an accommodation based on disability or medical concerns should contact Student Accessibility Services (SAS) in accordance with the Procedure for Accommodations for Students with Disabilities (https://www.ucalgary.ca/legal-</p>												

	<p>services/sites/default/files/teams/1/Policies-Accommodation-for-Students-with-Disabilities-Procedure.pdf).</p> <p>Students who require an accommodation in relation to their coursework or to fulfill requirements for a graduate degree, based on a Protected Ground other than Disability should communicate this need in writing to their Instructor.</p> <p>SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/.</p>
Academic integrity, plagiarism	<p>Academic Misconduct refers to student behavior which compromises proper assessment of a student's academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.</p> <p>For information on the Student Academic Misconduct Policy and Procedure please visit: https://www.ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Student-Academic-Misconduct-Policy.pdf and https://www.ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Student-Academic-Misconduct-Procedure.pdf. Additional information is available on the Academic Integrity Website at https://ucalgary.ca/student-services/student-success/learning/academic-integrity.</p>
Internet and electronic communication device	<p>The use of laptop and mobile devices is acceptable when used in a manner appropriate to the course and classroom activities. Please refrain from accessing websites and resources that may be distracting to you or for other learners during class time. Students are responsible for being aware of the University's Internet and email use policy, which can be found at https://www.ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Electronic-Resources-and-Information-Policy.pdf.</p>
Intellectual Property	<p>Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.</p>
Copyright	<p>All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (https://www.ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Acceptable-Use-of-Material-Protected-by-Copyright-Policy.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 https://www.ucalgary.ca/pubs/calendar/current/k.html.</p>
Freedom of Information and Protection of Privacy	<p>Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.</p>
Student Support	<p>Please visit this link for important information on UCalgary's student wellness and safety resources: https://www.ucalgary.ca/registrar/registration/course-outlines</p>
Arts Students' Centre Program Advising:	<p>Have a question but not sure where to start? The Arts Students' Centre is your information resource for everything in the Faculty of Arts. Call us at 403-220-3580 or email us at ascarts@ucalgary.ca.</p> <p>You can also visit the Faculty of Arts website at http://arts.ucalgary.ca/undergraduate which has detailed information on common academic concerns.</p>

Faculty of Graduate Studies:	For graduate studies email: graduate@ucalgary.ca or call 403 220 4938. Visit the Faculty of Graduate Studies for more details: https://grad.ucalgary.ca/
------------------------------	---