



**UNIVERSITY OF CALGARY**  
**FACULTY OF ARTS**  
**SCHOOL OF CREATIVE AND PERFORMING ARTS**  
**MUSI 551/651.5: Networked Music Performance**  
**Winter 2018**

Instructor Office Email Office Hours	Naithan Bosse Graduate Music Student Offices (CH F217) <a href="mailto:naithan.bosse@ucalgary.ca">naithan.bosse@ucalgary.ca</a> By appointment
Day(s),time(s) and location of Class	Tuesday 9:00-11:45am. AB 655
Out of class activities	Forms of Sound Festival: Feb. 7 and 8 at 7:30pm, EG hall.
Learning resources: required readings, textbooks and mate- rials	No required textbook Supplemental texts to be assigned (not for purchase)
Prerequisites	n/a
Supplementary fees	n/a
Course description	Creative, compositional, and technical perspectives on Networked Music Performance. Students will investigate the unique creative opportunities and challenges that arise when using high-speed computer networks as a medium for music creation, performance, and interaction. Using the network, the class will compose and perform several projects, exploring themes of collaboration, interactivity, computer mediation, and acoustic communication.
Course activities	Composition, rehearsal, and performance of original networked music projects. Critical listening and analysis of representative networked works. Tutorial sessions on networked music technologies, sound-processing/synthesis techniques, and interaction design. Class discussion and presentation of assigned readings. Rehearsal and performance of existing networked compositions.
Course learning out- comes	By the completion of this course, successful students will be able to: <ol style="list-style-type: none"> <li>1. Develop effective strategies for composition and communication within a net-worked musical environment.</li> <li>2. Demonstrate fluency with technical terminology relating to networked music and digital audio.</li> <li>3. Demonstrate familiarity with existing creative and practical approaches to the network and recall musical examples that exemplify these approaches.</li> <li>4. Compare and classify diverse networked projects using existing taxonomies from the literature.</li> <li>5. Implement a variety of sound-synthesis and processing techniques in Max.</li> <li>6. Efficiently solve a variety of technical problems related to network connectivity and audio setup including recording in DAWs and interfacing with digital con-trollers.</li> </ol>

Assessment components	Weekly work-in-progress and class participation: 10% Performance and rehearsals: 10% 2 class presentations: 20% 3 etudes (due Jan 30th, February 27th, and TBD): 30% Final project (due April 3rd): 30%																																							
Assessment expectations	<u>Guidelines for Submitting Assignments</u> Etudes may be notated either by hand or using computer notation software. Composition assignments must be notated using computer notation software and bound according to professional standards. All assignments must be handed in at the beginning of class on the day the assignment is due.  <u>Criteria That Must Be Met To Pass</u> Students must complete each assignment listed above in order to pass the course. The overall grade must be 50% or higher.  <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.  <u>Late Assignments</u> Assignments 1-7 days late will lose a grade. Assignments more than 7 days late will not be accepted without valid reason.																																							
Grading scale	For the course as a whole, letter grades should be understood as follows, as outlined in the section F.2 Undergraduate Grading System of the Undergraduate Calendar for 2016-2017: <table><tr><td>Grade</td><td>GPA</td><td>Description</td></tr><tr><td>A+</td><td>4.00</td><td>Outstanding.</td></tr><tr><td>A</td><td>4.00</td><td>Excellent – superior performance, showing comprehensive understanding of subject matter.</td></tr><tr><td>A-</td><td>3.70</td><td></td></tr><tr><td>B+</td><td>3.30</td><td></td></tr><tr><td>B</td><td>3.00</td><td>Good – clearly above average performance with knowledge of subject matter generally complete.</td></tr><tr><td>B-</td><td>2.70</td><td></td></tr><tr><td>C+</td><td>2.30</td><td></td></tr><tr><td>C</td><td>2.00</td><td>Satisfactory – basic understanding of the subject matter.</td></tr><tr><td>C-</td><td>1.70</td><td>Receipt of a grade point average of 1.70 may not be sufficient for promotion or graduation. (See individual undergraduate faculty regulations.)</td></tr><tr><td>D+</td><td>1.30</td><td></td></tr><tr><td>D</td><td>1.00</td><td>Minimal pass - marginal performance; generally insufficient preparation for subsequent courses in the same subject.</td></tr><tr><td>F</td><td>0</td><td>Fail - unsatisfactory performance or failure to meet course requirements.</td></tr></table>	Grade	GPA	Description	A+	4.00	Outstanding.	A	4.00	Excellent – superior performance, showing comprehensive understanding of subject matter.	A-	3.70		B+	3.30		B	3.00	Good – clearly above average performance with knowledge of subject matter generally complete.	B-	2.70		C+	2.30		C	2.00	Satisfactory – basic understanding of the subject matter.	C-	1.70	Receipt of a grade point average of 1.70 may not be sufficient for promotion or graduation. (See individual undergraduate faculty regulations.)	D+	1.30		D	1.00	Minimal pass - marginal performance; generally insufficient preparation for subsequent courses in the same subject.	F	0	Fail - unsatisfactory performance or failure to meet course requirements.
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Academic accommodation	<p>Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services (SAS); 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 <a href="http://ucalgary.ca/access/">ucalgary.ca/access/</a>. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor.</p> <p>The full policy on Student Accommodations is available at <a href="http://ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf">ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf</a>.</p>
Academic integrity, plagiarism	<p>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 (<a href="http://ucalgary.ca/pubs/calendar/current/k-2.html">ucalgary.ca/pubs/calendar/current/k-2.html</a>) 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.</p>
Student misconduct	<a href="http://ucalgary.ca/pubs/calendar/current/k.html">ucalgary.ca/pubs/calendar/current/k.html</a>
FOIP	<a href="http://ucalgary.ca/secretariat/privacy">ucalgary.ca/secretariat/privacy</a>
Emergency evacuation	<p>Assembly points for emergencies have been identified across campus. <b>THE PRIMARY ASSEMBLY POINT FOR CRAIGIE HALL IS THE PROFESSIONAL FACULTIES FOOD COURT.</b> For more information, see the University of Calgary's Emergency Management website: <a href="http://ucalgary.ca/emergencyplan/assemblypoints">ucalgary.ca/emergencyplan/assemblypoints</a></p>
Internet and electronic communication device	<p><a href="http://elearn.ucalgary.ca/category/d2l/">elearn.ucalgary.ca/category/d2l/</a>  <a href="http://ucalgary.ca/emergencyplan/emergency-instructions/uc-emergency-app">ucalgary.ca/emergencyplan/emergency-instructions/uc-emergency-app</a></p> <p>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.</p>
Safewalk	220-5333 anytime. <a href="http://ucalgary.ca/security/safewalk">ucalgary.ca/security/safewalk</a>
Students' union and ombudsperson contacts	<p>Student Union: <a href="http://su.ucalgary.ca/about/who-we-are/elected-officials/">su.ucalgary.ca/about/who-we-are/elected-officials/</a>  Faculty of Arts reps: <a href="mailto:arts1@su.ucalgary.ca">arts1@su.ucalgary.ca</a>; <a href="mailto:arts2@su.ucalgary.ca">arts2@su.ucalgary.ca</a>; <a href="mailto:arts3@su.ucalgary.ca">arts3@su.ucalgary.ca</a>; <a href="mailto:arts4@su.ucalgary.ca">arts4@su.ucalgary.ca</a>  Graduate Student's Association: <a href="http://ucalgary.ca/pubs/calendar/grad/current/graduate-students-association-gsa-grad.html">ucalgary.ca/pubs/calendar/grad/current/graduate-students-association-gsa-grad.html</a>  Student Ombudsman: <a href="http://ucalgary.ca/ombuds/contact">ucalgary.ca/ombuds/contact</a></p>

Midterm and final examination scheduling	Final examinations may be scheduled at any time during the examination period (12-22 December for Fall 2016 term; 15-26 April for Winter 2017 term); students should therefore avoid making prior travel, employment, or other commitments for this period. If a student is unable to write an exam through no fault of his or her own for medical or other valid reasons, documentation must be provided and an opportunity to write the missed exam may be given. Students are encouraged to review all examination policies and procedures: <a href="http://ucalgary.ca/registrar/exams/deferred_final">ucalgary.ca/registrar/exams/deferred_final</a>
Deferrals of exams/term work	It is possible to request a deferral of term work or final examinations for reasons of illness, accident, family or domestic affliction, or religious obligations. Please check with your advisor if any of these issues make it impossible for you to sit an exam or finish term work by stated deadlines. <a href="http://ucalgary.ca/registrar/exams/deferred_final">ucalgary.ca/registrar/exams/deferred_final</a> <a href="http://ucalgary.ca/pubs/calendar/current/g-6.html">ucalgary.ca/pubs/calendar/current/g-6.html</a> <a href="http://ucalgary.ca/pubs/calendar/current/g-7.html">ucalgary.ca/pubs/calendar/current/g-7.html</a>
SCPA Claim Your Seat Program: Student Guidelines	<ol style="list-style-type: none"> <li>1. The Claim Your Seat (CYS) program, funded by the Students' Union Quality Money, allows all University of Calgary students to attend on-campus School of Creative and Performing Arts (Dance, Drama and Music) events free of charge.</li> <li>2. Depending on the performance, there is a limited number of seats available for CYS. There is not a guarantee that tickets will be available for all CYS patrons for every performance, based on audience size, demand, etc.</li> <li>3. CYS tickets are a privilege. If a student receives a ticket to attend a performance, it is expected that they will respect the value of the admission and attend the performance.</li> <li>4. Process for students: On the date of the performance, from 45 minutes prior to 15 minutes prior to the performance start time, they arrive to the CYS table next to the Box Office and show their Unicaard. If students arrive after 15 minutes prior to the performance start time, they can go to the Box Office and purchase a ticket at the student rate. Students should not go to the Box Office unless they are purchasing a ticket.</li> <li>5. If students have a course requirement to attend a performance for a specific date, access to the tickets will be communicated by the instructor to University Theatre Services prior to the event. The best guarantee for a free ticket is to arrive early, up to 45 minutes prior to the performance start time.</li> <li>6. Respect for the Front of House and theatre staff, performers and fellow patrons is an absolute requirement. Failure to comply with this will lead to being asked to leave the venue and could result in the revoking of CYS privileges.</li> </ol>
Academic standing	<a href="http://ucalgary.ca/pubs/calendar/current/f.html">ucalgary.ca/pubs/calendar/current/f.html</a>
Campus security	220-5333. Help phones: located throughout campus, parking lots, and elevators. They connect directly to Campus Security; in case of emergency, press the red button.
Copyright	It is the responsibility of students and professors to ensure that materials they post or distribute to others comply with the Copyright Act and the University's Fair Dealing Guidance for Students. Further copyright information for students is available on the Copyright Office web page ( <a href="http://library.ucalgary.ca/copyright">library.ucalgary.ca/copyright</a> ).

Faculty of Arts program advising and student information resources	<p>For academic advising, visit the Arts Students' Centre (ASC) for answers about course registration, graduation checks, and the 'big picture' on programs and majors. Drop in at SS102, email at <a href="mailto:ascarts@ucalgary.ca">ascarts@ucalgary.ca</a> or call at 403-220-3580. You can also visit the Faculty of Arts website at <a href="http://arts.ucalgary.ca/undergraduate">arts.ucalgary.ca/undergraduate</a> which has detailed information on common academic concerns.</p> <p>For academic success support, such as writing support, peer support, success seminars, and learning support, visit the Student Success Centre on the third floor of the Taylor Family Digital Library (TFDL), email them at <a href="mailto:success@ucalgary.ca">success@ucalgary.ca</a> or visit their website at <a href="http://ucalgary.ca/ssc/">ucalgary.ca/ssc/</a> for more information or to book an appointment.</p> <p>For enrolment assistance, including registration (add/drop/swap) changes, paying fees, and navigating your Student Centre, contact Enrolment Services at 403-210-ROCK [7625], by email at <a href="mailto:futurestudents@ucalgary.ca">futurestudents@ucalgary.ca</a> or visit them at the MacKimmie Block 117.</p>
Course outlines for transfer credit	<p>It is possible that you will be asked for copies of this outline for credit transfers to other institutions or for proof of work done. It is the student's responsibility to keep these outlines and provide them to employers or other universities when requested. Please ensure that outlines of all the courses you take are kept in a safe place for your future reference. Departments/Programs do not guarantee that they will provide copies.</p>
Letter of permission	<p>If you wish to study at another institution while registered at the U of C, you must have a letter of permission. You can submit your request through your Student Centre at MyUofC. Students must have the Letter of Permission before they take the course at another school. Failure to prepare may result in no credit awarded and could result in suspension from the faculty.</p>
Undergraduate associations	<p>DUS: Drama Undergraduate Society, CHC 005 <a href="mailto:uofcdus@gmail.com">uofcdus@gmail.com</a>  MUS: Music Undergraduate Society, CHF 219 <a href="mailto:undmusic@ucalgary.ca">undmusic@ucalgary.ca</a></p>