



## PAPER OUTLINE 2011

<b>Paper Code &amp; Title:</b>	<b>CMPO 311</b> <i>Advanced Projects in Live Electronics</i>				
<b>Year:</b>	2011	<b>Points:</b>	20		
<b>CRN:</b>	15541	<b>Trimester:</b>	2/3	<b>Campus:</b>	NZSM - VUW Kelburn
<b>Key dates:</b>	Teaching dates:	11 July–14 October 2011			
	Mid-trimester break:	22 August–4 September 2011			
	Study week:	17–21 October 2011			
	Exam/Assessment period:	21 October–12 November 2011			
	(where applicable)	<i>NB: For courses with exams, students must be available to attend the exam at any time during this period.</i>			
	Withdrawal dates:	Information on withdrawals and refunds may be found at: <a href="http://www.victoria.ac.nz/home/admisenrol/payments/withrawlsrefunds.aspx">http://www.victoria.ac.nz/home/admisenrol/payments/withrawlsrefunds.aspx</a>			
<b>Prerequisites:</b>	CMPO 381				
<b>Corequisites:</b>	None				
<b>Restrictions:</b>	NZSM 302, NZSM 304, PERF 345				

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**Office located at:** Room 203, 92 Fairlie Terrace  
**Office hours:** Mondays, 10:30am-12:00pm (Room 203, 92 Fairlie Terrace)

**Tutors:** Jim Murphy **Email:** [jim.w.murphy@gmail.com](mailto:jim.w.murphy@gmail.com)  
Jordan Hochenbaum [jhochenbaum@gmail.com](mailto:jhochenbaum@gmail.com)  
Owen Vallis [owensvallis@gmail.com](mailto:owensvallis@gmail.com)

**Class times/rooms:** Monday, Wednesday, 9:00am–10:20am (Room MSEMS4)  
**Workshop times/rooms:** Wednesdays, 3:10pm–4:30pm (Adam Concert Room)  
**Tutorial times/rooms:** TBA

Classes with tutorials:

*Tutorials commence in the second week of the trimester. Groups will be posted on Blackboard and/or on the noticeboard outside the office on the NZSM Kelburn Campus at the start of Week 2.*

## PAPER PRESCRIPTION

*Development of advanced abilities in sonic arts techniques and concepts, resulting in the creation of an independently conceived original work.*

## **COURSE CONTENT & DELIVERY**

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This course comprises two 1.5-hour lectures per week and one 1.5-hour workshop per week. During workshops, classes will come together to listen to student performances, as well as presentations by staff and guest artists.

This course provides an introduction on how to use interfaces for musical expression in live performance. We will discuss signal processing for interfaces and teach how to signal condition sensors for Live Performance. Class will also consist of many individual and group composition/performance exercises. The final evaluation will be based on the student's use of the technology in a live performance and composition.

*Weeks 1-2: History of Musical Interface Performance*

*Weeks 3-4: Basic DSP for Controllers*

*Weeks 5-6: Communication Via Serial/MIDI/OSC*

*Weeks 7-9: Physical Interaction Design and Techniques*

*Week 10: Controlling Sound and Light*

*Week 11: Integration*

*Week 12: Student Final Project Presentations*

## **READINGS, MATERIALS & EQUIPMENT**

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Kapur, A. "Digitizing North Indian Music: Preservation and Extension using Multimodal Sensor Systems, Machine Learning and Robotics." VDM Verlag Dr. Müller, Germany, 2008.

**(Do NOT BUY!!! – In the VUW Central Library)**

Selected Articles from Proceedings of New Interfaces for Musical Expression (NIME).

## **LEARNING OUTCOMES**

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Students who have successfully completed this paper will:

1. Successfully conceive, propose, realize and present a coherently structured sonic art work that demonstrates an original and imaginative conceptual/creative approach
2. Independently solve advanced creative and contextual challenges
3. Demonstrate a refined critical awareness of their own work, and the contexts in which it is produced and received.

## ASSESSMENT

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### Approved assessment regime

The following assessment regime for this paper has been approved by the NZSM Academic Committee:

- Short assignment 1: Study/sketch - 90-120 seconds. Related to learning outcomes 1-3. (5%)*
- Short assignment 2: Study/sketch - 90-120 seconds. Related to learning outcomes 1-3. (5%)*
- Short assignment 3: Study/sketch - 90-120 seconds. Related to learning outcomes 1-3. (5%)*
- Project proposal presentation - 6-8 minutes. Related to learning outcomes 1-3. (10%)*
- Short assignment 4: Critical Feedback Response - 500 words. Related to learning outcomes 1-3. (5%)*
- Short assignment 5: Critical Feedback Response - 500 words. Related to learning outcomes 1-3. (5%)*
- Short assignment 6: Critical Feedback Response - 500 words. Related to learning outcomes 1-3. (5%)*
- Creative Project - 10-12 minutes. Related to learning outcomes 1-3. (50%)*
- Project Report - 1000 words. Related to learning outcomes 1-3. (10%)*

### Assessment details for this offering

<i>Assessment name</i>	<i>Learning outcome(s)</i>	<i>Due date</i>	<i>% of final grade</i>
Assignment 1	1-3	July 20, 2011	5
Assignment 2	1-3	July 27, 2011	5
Assignment 3	1-3	August 3, 2011	5
Assignment 4	1-3	August 10, 2011	5
Assignment 5	1-3	August 17, 2011	5
Assignment 6	1-3	September 14, 2011	5
Project Proposal Presentation	1-3	Sept 26, 2011	10
Final Project Presentation/ Performance	1-3	October 9, 2011	50
Final Project Report	1-3	October 10, 2011	10

## LATE PENALTIES

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Assignments must be submitted by the due dates. In fairness to other students, unless a medical certificate is produced, assessment submitted after 5:00pm on the due date will be subject to a 5% demerit on your grade, increasing by 5% each further working day it is overdue.

Students, who for exceptional reasons can justify an extension for an item of assessment, must apply to the course co-ordinator before the due date. Please note that NO extensions can be granted for tutorial assignments.

## DEPOSIT AND COLLECTION OF ASSESSMENT

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*Assignments should be deposited via Blackboard.*  
*Marked assignments will be returned via Blackboard.*

## SCALING OF GRADES

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To obtain a fair distribution of marks relative to assignment difficulty, scaling may be employed on some or all assessment items, in accordance with guidelines set out in the VUW Assessment Handbook:

[http://www.victoria.ac.nz/home/about\\_victoria/avccademic/publications/assessment-handbook.pdf](http://www.victoria.ac.nz/home/about_victoria/avccademic/publications/assessment-handbook.pdf)

## **ASSIGNMENT PRESENTATION**

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**Written work** should be presented according to the guidelines set out in the **NZSM Guidelines for Academic Work**, which can be downloaded as a PDF document from the NZSM Website <http://www.nzsm.ac.nz/study/programmes.aspx> (in the right-hand column). Five percent (5%) will be deducted for written work that does not conform to these standards.

**Sonic Arts work** should be submitted as a clearly labelled Audio CD, or, for multimedia works, as a DVD or as a Quicktime data file on a data CD-ROM.

## **MANDATORY PAPER REQUIREMENTS**

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To gain a pass in this course each student must:

- a) Complete each item of assessment specified for this course (subject to penalties for late submission of work).
  - b) Attend at least 80% of lectures and 80% of tutorials (if relevant) related to this course.
  - c) Attend at least 9 of the Composer Workshops held during the term of enrolment in this paper.
- If, for health reasons, you are unable to complete all the work required for assessment purposes for this paper by 12 November, you may, on presentation of a medical certificate, have the date for submission extended by the Director, NZSM.

## **EXPECTED WORKLOAD**

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A 20-point second-trimester paper should require at least 200 hours work (including class time). This means that in term time, the midterm break and study week you should be prepared to spend on average 13 hours per week involved in activities such as attending classes, reading, listening to recommended recordings and preparing assignments.

## **COMMUNICATION OF ADDITIONAL INFORMATION/INFORMATION ON CHANGES**

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Official notices issued after the paper has commenced will be posted on the board outside the NZSM office on the Kelburn Campus. Notices concerning a number of papers will also be posted on Blackboard. The Paper Co-ordinator will specify if Blackboard will be used.

## **STUDENT REPRESENTATIVES**

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Student representatives for the NZSM are elected in the first week of the trimester, and their names and contact details will be available to VUWSA and/or MAWSA, the Course Co-ordinator and to each class.

## ACADEMIC INTEGRITY AND PLAGIARISM

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Academic integrity means that university staff and students, in their teaching and learning, are expected to treat others honestly, fairly and with respect at all times. It is not acceptable to mistreat academic, intellectual or creative work that has been done by other people by representing it as your own original work.

Academic integrity is important because it is the core value on which the University's learning, teaching and research activities are based. The NZSM's reputation for academic integrity adds value to your qualification.

The NZSM defines plagiarism as presenting someone else's work as if it were your own, whether you mean to or not. 'Someone else's work' means anything that is not your own idea. Even if it is presented in your own style, you must acknowledge your sources fully and appropriately. This includes:

- Material from books, journals or any other printed source
- The work of other students or staff
- Information from the internet
- Software programs and other electronic material
- Designs and ideas
- The organisation or structuring of any such material.

Find out more about plagiarism, how to avoid it, and penalties, on the NZSM website:  
<http://www.nzsm.ac.nz/about/statutes-policies.aspx#plagiarism>

## GENERAL NZSM POLICIES AND STATUTES

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Students should familiarise themselves with the NZSM's policies and statutes, especially those regarding Personal Courses of Study, Academic Grievances, Staff and Student Conduct. Please see <http://www.nzsm.ac.nz/about/statutes-policies.aspx>

For any statutes relating to the particular qualifications being studied, see either the *Massey University Calendar* or the *Victoria University Calendar*.

Information about Student Services, including Academic Mentoring for Māori and Pacific Students, and support for Students with Disabilities, is to be found in the *NZSM Student Handbook* (available from the NZSM offices on each campus).

## EVENTS

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Regular events are held during trimesters 1 & 2 at all NZSM campuses. These events are for the benefit of all students, and include performances, masterclasses, special lectures and workshops given by staff, students and visiting artists.

All students are expected to read the NZSM website for the latest events listings, and keep time free to attend the weekly lunchtime concert on Friday at 12:10pm, along with other events as required. Students should sign up to the **Dawn Chorus**, the NZSM's events e-newsletter, by emailing [events@nzsm.ac.nz](mailto:events@nzsm.ac.nz) with "subscribe dawn chorus" in the subject line.

**Events & Marketing Co-ordinator:** Stephen Gibbs  
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