



PAPER OUTLINE

Paper Code and Title: CMPO 210 Title Sonic Arts 2a
CRN: 15542 **Campus:** Kelburn
Year: 2008 **Trimester:** 1
Points Value: 15

Pre-requisites (P) B- or better in CMPO 110 and application by portfolio submission
Co-requisites (C)
Restrictions (R) NZSM 204, 202, MUSI 204 **None**

Paper Co-ordinator: Paul Doornbusch
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Office located at: Room 204, Fairlie Tce, Kelburn Campus
Office hours: TBA

Other staff member(s):
Contact phone: **Email:**
Office(s) located at:

Class times: 11am-12pm, **Venue:** EMS, NZSM (Kelburn)
Tues & Fri
Workshops/ Rehearsals: 3-4:30pm, **Venue:** Adam Concert Room (Kelburn)
Mon
Lab time: 2-3pm, Thurs **Venue:** EMS, NZSM (Kelburn)

Kelburn classes with tutorials:

Tutorials commence in the second week of the trimester. Groups will be posted on the notice-board outside the NZSM Kelburn office at the start of Week 2. Please check the board to confirm what group you are in.

PAPER PRESCRIPTION

Development of intermediate abilities in sonic arts resulting in the creation of original works utilising knowledge of compositional technique, understanding of creative processes and skills in the use of music technology.

LEARNING OUTCOMES

A STUDENT COMPLETING THIS PAPER WILL HAVE:

1. developed an understanding of key compositional techniques and be able to apply these in the creation of original work
2. widened their knowledge and skills in the creative use of music technology
3. understand the creative processes / strategies associated with sonic art and have developed a critical awareness of their own work
4. developed awareness of the contexts in which sonic art is made and received
5. acquired basic electronic performance skills and have performed their major works publicly at NZSM Composer Workshops.

PAPER CONTENT

CMPO 210 will focus on two topics: a) Max/MSP computer-based techniques for the control and development of musical materials, b) Analogue synthesis techniques for the control and development of musical materials, with a focus on composing with sounds and controlling them in real time.

MATERIALS

Max/MSP manuals, available online

Analogue synthesis manuals available in EMS2 and class handouts.

ASSESSMENT REQUIREMENTS

This paper is internally assessed. Students will be assessed on the advancement over the course of the paper of their creative skills and their increased awareness of the range of creative possibilities in terms of style and expression. They should also demonstrate through their work an increased critical sense and capacity for objective self-evaluation.

1. Creative projects using music technology 60%; Outcomes 1-4
2. Short assignments 25%; Outcomes 1-5
3. Electronic performances 10%; Outcome 5
4. Class contribution 5%; Outcomes 1-5

Attendance at 80% of lectures, tutorials and Composer workshops is required

Deposit and collection of written work

Assignments should be placed in the pigeonhole of Paul Doornbusch by 5pm on the due date. (Staff pigeonholes are located opposite the NZSM Office, under the stairs). Work can be collected from the student pigeonholes or from the office of Paul Doornbusch (207).

Dates assignments are due/ dates of in-class tests

11 Mar Short assignment 1 due (10%)

18 Mar Major assignment 1 due (20%)

08 Apr Major assignment 2 due (20%)

MID-TRIMESTER BREAK

29 Apr Short assignment 2 due (5%)

05 May Performance – Composer Workshop (10%)

27 May Major assignment 3 due (20%)

29 May Short assignment 3 due (10%)

Deadlines for written work:

Written work must be handed in by the due dates. In fairness to other students, unless a medical certificate is produced, work handed in after 5pm 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 the essay, must apply to the Paper Co-ordinator before the due date. Please note that NO extensions can be granted for tutorial assignments.

Bibliographic Style:

Assignments must be presented according to the guidelines set down in the **NZSM Handbook 2007**. A fuller version entitled **NZSM Guidelines for Academic Work**, can be downloaded as a pdf file from the NZSM Website [http://www.nzsm.ac.nz/Study/Programmes of Study](http://www.nzsm.ac.nz/Study/Programmes%20of%20Study) page. Five percent (5%) will be deducted for written work that does not conform.

MANDATORY PAPER REQUIREMENTS

Attending at least 80% of your lectures, tutorials and workshops are a mandatory requirement for this paper. If for health reasons you are unable to complete all the work required for assessment purposes by 29 May, you may, on presentation of a medical certificate, have the date for submission extended by the Director of the New Zealand School of Music.

If you do not complete your 3 major assignments and at least 2 out of 3 minor assignments, by the due dates, you will fail this paper

ACADEMIC INTEGRITY AND PLAGIARISM

Academic integrity is about honesty – put simply it means *no cheating*. All members of the

University community are responsible for upholding academic integrity, which means staff and students are expected to behave honestly, fairly and with respect for others at all times. Plagiarism is a form of cheating which undermines academic integrity. The University defines plagiarism as follows:

The presentation of the work of another person or other persons as if it were one's own, whether intended or not. This includes published or unpublished work, material on the Internet and the work of other students or staff.

It is still plagiarism even if you re-structure the material or present it in your own style or words. However, it is perfectly acceptable to include the work of others as long as that is acknowledged by appropriate referencing.

Acknowledging the use of musical materials produced by other people poses a special challenge for music students who are engaged in creative work. Your course co-ordinator will provide advice on how to avoid plagiarism in this circumstance.

Plagiarism is prohibited at the NZSM and is not worth the risk. Any enrolled student found guilty of plagiarism will be subject to disciplinary procedures under the Statute on Student Conduct and may be penalized severely. Consequences of being found guilty of plagiarism can include:

- an oral or written warning,
- cancellation of your mark for an assessment or a fail grade for the course,
- suspension from the course or the University.

For more about plagiarism, and how to avoid it, see the NZSM website:
<http://www.nzsm.ac.nz/about/statutes> and policies/plagiarism.

See also <http://www.victoria.ac.nz/home/studying/plagiarism.html>

GENERAL NZSM POLICIES AND STATUTES

Students should familiarise themselves with the NZSM's policies and statutes, especially those regarding Personal Courses of Study, Academic Grievances, and Student Conduct. Please see Statutes and Policies on the NZSM website (<http://www.nzsm.ac.nz/About/Statutes> and Policies). Information about Student Services, including Academic Mentoring for Maori and Pacific Students, and support for Students with Disabilities, is to be found in the *NZSM Student Handbook 2007* (available from the NZSM offices on each campus).

COMMUNICATION OF ADDITIONAL INFORMATION, OR INFORMATION ON CHANGES

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

Events

Regular events are held during trimesters one and two at both the Kelburn and Mt Cook 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 obtain a copy of the current event brochure (published twice yearly) and keep time free to attend the weekly lunchtime concert on Friday at 1.10pm, along with other events as required.

Event manager Debbie Rawnsley. Phone: (04) 463-6050 Email: debbie.rawnsley@nzsm.ac.nz
website: <http://www.nzsm.ac.nz/events/>

NZSM 210 Lecture and Assessment Schedule 2008

Week	Date	Lecture / Assessment	Location
1	26 Feb	Max Introduction and basics	CMS
2	4 Mar	Max data structures and midi, assignment 1 handed out	CMS
3	11 Mar	Work in progress session	CMS
4	18 Mar	<i>Short assignment 1 DUE (10%) (EMS2 studio test)</i> MSP Introduction and basics	CMS
5	25 Mar	<i>Max assignment 1 DUE (20%)</i> MSP synthesis (oscillators, FM, additive), assignment 2 handed out	CMS
6	1 Apr	MSP audio file and sample playback	CMS
7	8 Apr	MSP Other signal manipulation, filters etc. <i>Max/MSP Assignment 2 DUE (20%)</i>	CMS
MID-TRIMESTER BREAK (14 - 27 April)			
8	29 Apr	Analogue synthesis introduction and basics, Roland 100M	EMS 1/2
9	5 May	Short\ assignment 2 DUE (5%) (Aims for your workshop performance) <i>Composer workshop performance (10%)</i>	ACR
9	6 May	Analogue synthesis introduction and basics, EMS Synthi	EMS 1/2
10	13 May	More advanced voltage control, keyboard control, assignment 3 handed out	EMS 1/2
11	20 May	Limitations of analogue synthesis and performance	EMS 1/2
12	27 May	Combining analogue synthesis and digital control <i>Assignment 3 (Analogue synthesis) DUE (20%)</i>	EMS 1/2
	3 Jun	<i>Short Assignment 3 DUE (TBA) Listening/analysis assignment or research paper summary. (10%)</i>	EMS 1/2