PAPER OUTLINE 2011

Paper Code & Title:	**CMPO 181** *Introduction to Music Technology*			
Year:	2011	**Points:**	15	
CRN:	19766	**Trimester:**	2/3	**Campus:** NZSM - VUW Kelburn

Key dates:	
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)	*NB: For courses with exams, students must be available to attend the exam at any time during this period.*
Withdrawal dates:	Information on withdrawals and refunds may be found at: http://www.victoria.ac.nz/home/admisenrol/payments/withdrawlsrefunds.aspx

Prerequisites:	*None*
Corequisites:	*None*
Restrictions:	*CMPO 182, CMPO 184*

Paper Co-ordinator:	Florian Hollerweger		
Contact phone:	463 5863	**Email:**	florian.hollerweger@nzsm.ac.nz
Office located at:	Room MS303C (through the Gamelan Room and 303B)		
Office hours:	Thursdays, 3:00pm–5:00pm		

Tutor:	Thomas Voyce	**Email:**	thomas_voyce@yahoo.com

Class times/rooms:	Tuesday, Thursday, 9:00am–10:20am (Room HMLT003)
Tutorial times/rooms:	To be announced

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

An introduction to key aspects of acoustics and music technology.

COURSE CONTENT & DELIVERY

This course comprises two 1.5-hour lectures per week and one 1-hour tutorial per week. During tutorials, a graduate tutor will guide students in discussion of course readings and/or set works, or assist with/give feedback on work in progress, where appropriate.

See attached course syllabus for more information.

READINGS, MATERIALS & EQUIPMENT

No mandatory book purchases, but here are some reading suggestions for books available at the VUW Central Library and/or Massey Libraries. Further reading recommendations to be announced in class and on Blackboard. The reading list for CMPO 283 (*Intermediate Studies in Recording, Mixing and Audio Production*) might also be of interest.

For a general overview:
- Francis Rumsey and Tim McCormick, "Sound and Recording: An Introduction" (VUW Central Library: TK7881.4 R938 S; Massey Wellington and Turitea Libraries: 621.3893 Rum)
- John Borwick (ed.), "Sound Recording Practice" (VUW Central Library: TK 7881.4 S724)
- David Miles Huber, "Modern Recording Techniques" (Massey Wellington Library, 5B music collection: 621.3893 Hub; also available at Massey as an electronic resource)
- John Watkinson, "The Art of Sound Reproduction" (Massey Turitea Library, level 3: 621.38932 Wat)
- Bruce Bartlett, "Practical Recording Techniques" (Massey Wellington Library: 621.3893 Bar; VUW WJ Scott Education Library, main collection: 621.3893 BAR)
- Glenn D. White and Gary J. Louie, "The Audio Dictionary" (VUW Central Library: TK7881.4 W584 A)
- Michael Talbot-Smith, "Sound Engineering Explained" (VUW Central Library: TK7881.4 T141 A)

More specific:
- John Watkinson, "An Introduction to Digital Audio" (Massey Turitea Library, level 3: 621.3893 Wat)
- John Borwick, "Microphones: Technology and Technique" (Massey Turitea Library, level 3: 621.38284 Bor)
- David Miles Huber and Philip Williams, "Professional Microphone Techniques" (Massey Wellington Library: 621.38284 Hub)
- David Miles Huber, "Microphone Manual: Design and Application" (Massey Wellington Library: 621.384133 Hub)
- Christian Hugonnet and Pierre Walder, "Stereophonic Sound Recording: Theory and Practice" (VUW Central Library: TK7881.4 H896 T E)
- Francis Rumsey, "Desktop Audio Technology : Digital Audio and MIDI Principles" (Massey Wellington Library, 5B music collection: 621.3893 Rum)
- Francis Rumsey, "MIDI Systems and Control" (VUW Central Library: MT723 R938 M)
- Joseph Rothstein, "MIDI: A Comprehensive Introduction" (VUW Central Library: MT723 R847 M)

LEARNING OUTCOMES

A student successfully completing this paper will have:

1. Demonstrated an understanding of basic recording techniques
2. Demonstrated the ability to use digital audio workstation (DAW) software for the purpose of manipulating both MIDI and audio data
3. Demonstrated an understanding of simple computer music programming principles
4. Demonstrated an understanding of basic acoustic principles.

ASSESSMENT

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

- Between 5 and 10 minor assignments. Related to Learning Outcomes 1–4 (50%)
- Two in-class tests. Related to Learning Outcomes 1–4 (30%)
- Final project. Related to Learning Outcomes 1–3 (20%)

Assessment details for this offering

Assessment name	Word length / duration	Learning outcome(s)	Due date	% of final grade
Minor assignment 1 (recording)	10 sec	1+4	26 July, 9:00am	10%
Minor assignment 2 (editing)	max. 1 min	2+4	9 August, 9:00am	10%
In-class test 1	30–45 min	1+4	16 August	15%
Minor assignment 3 (mixing)	max. 1 min	2	13 September, 9:00am	10%
Minor assignment 4 (MIDI)	max. 1 min	2	27 September, 9:00am	10%
Minor assignment 5 (programming)	n/a	3	11 October, 9:00am	10%
In-class test 2	30–45 min	2+3	11 October	15%
Final recording/mixing project	max. 3 min	1–3	28 October, 5:00pm	20%

LATE PENALTIES

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 <u>before</u> the due date. Please note that NO extensions can be granted for tutorial assignments.

DEPOSIT AND COLLECTION OF ASSESSMENT

Assignments should be submitted via Blackboard or elsewhere online (details to be announced in class).
Marked assignments will be returned via Blackboard (details to be announced in class).

SCALING OF GRADES

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/avcacademic/publications/assessment-handbook.pdf

ASSIGNMENT PRESENTATION

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

To gain a pass in this course each student must:
a) Complete each item of assessment worth at least 10% 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.

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

A 15-point second-trimester paper should require at least 150 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 10 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

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

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

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

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

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* with "subscribe dawn chorus" in the subject line.

Events & Marketing Co-ordinator: Stephen Gibbs
Phone: (04) 801 5799 ext 62119   **Email**:   *stephen.gibbs@nzsm.ac.nz*
Website: *http://www.nzsm.ac.nz/events/*