

MUSI20044 Computing for Musicians

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| Credit Points: | 6.25 |
| Level: | 2 (Undergraduate) |
| Dates & Locations: | 2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. |
| Time Commitment: | Contact Hours: 1 one-hour seminar per week Total Time Commitment: 60 hours |
| Prerequisites: | None |
| Corequisites: | N/A |
| Recommended Background Knowledge: | N/A |
| Non Allowed Subjects: | N/A |
| Core Participation Requirements: | It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability will impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and the Disability Liaison Unit. |
| Coordinator: | Mr David Collins |
| Contact: | VCA and Music Student Centre 234 St Kilda Rd, Southbank Tel: +61 3 9685 9322 Fax: +61 3 9685 9358 Web: www.vcam.unimelb.edu.au/contact_us.html School of Music - Parkville Conservatorium Building Tel: +61 3 8344 5256 Fax: +61 3 8344 5346 Email via: http://music-unimelb.custhelp.com Web: www.bmus.unimelb.edu.au and www.music.unimelb.edu.au |
| Subject Overview: | Students will acquire basic skills in the use of computers for music notation, composition and music education, and learn the fundamentals of MIDI (Musical Instrument Digital Interface). |
| Objectives: | <p>On completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> # use notation software to enter, layout and edit music in a variety of formats, including music scored for multiple instruments, keyboard instruments, vocal parts # produce scores and players' parts that are accurate and legible # export graphics from notation software and incorporate them into other types of document, such as a word-processing file, presentation or web page # produce audio and MIDI versions of their score # understand the nature of difficulties encountered when transcribing real-time performances into usable notation, and of the issues involved in using combined sequencing/notation environments # demonstrate practical skills in using MIDI and sequencing software <p>In particular, students should be able to:</p> <ul style="list-style-type: none"> # set up a simple MIDI system for classroom or performance use # understand the purpose of the commonly-used MIDI message types # use sequencing software to produce an arrangement with musical control of structure, dynamics, phrasing, and instrumentation. |

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| Assessment: | Two notation exercises due as assigned during the semester (10% each); a 10-minute class presentation and 500 word written summary (25%); an ensemble scoring project of approximately 30 bars, minimum 4 staves (30%); a MIDI sequencing project of 1 minute duration, 4-track minimum, due at the end of semester (25%) |
| Prescribed Texts: | None |
| Breadth Options: | This subject is not available as a breadth subject. |
| Fees Information: | Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees |
| Generic Skills: | <p>On completion of this subject students should be able to:</p> <ul style="list-style-type: none"> # self-direct their learning of complex software packages through the use of computer-based and online resources # negotiate around the common design constraints of music software, in order to advance the musical aims of the project at hand # approach the learning of new technologies with a positive, explorative attitude. |