HORT20028 Landscape Technology

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	This subject is not offered in 2014. This subject is taught on alternate years.
Time Commitment:	Contact Hours: 24 hours lectures, 24 Hours Tutorials/Practical/Project activities. Total: 48 hours Total Time Commitment: 96 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	Students undertaking this subject will be expected to regularly access an internet-enabled computer. For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Contact:	**Melbourne School of Land & Environment Student Centre** Ground Floor, Melbourne School of Land & Environment (building 142) *Enquiries* Phone: 13 MELB (13 6352) Email: **13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)**
Subject Overview:	Landscape Technology is a subject which will develop the skills and knowledge required to understand the processes and techniques related to the installation and management of landscapes. The subject is framed around the landscape project involving use of industry standards and the use of equipment to monitor important climate and other factors such as rainfall and temperature. Students will learn the role of documentation; to interpret drawings and understand basic construction techniques and activities associated with site preparation such as surveying and grading & drainage. Knowledge about materials, their sustainability, selection and use will also be a key part. Green Infrastructure is a focus and the unique elements and features of implementing a green roof and/or wall design is analysed using the Burnley Campus Green Roof and other inner city sites as case studies. This will also facilitate understanding of the interdisciplinary nature of the construction process.
Learning Outcomes:	On completion of this subject students should be able to: # demonstrate understanding of the interdisciplinary nature of the landscape construction industry; # identify key activities associated with landscape construction ; # demonstrate familiarity with industry standards; # understand the role of the landscape documentation package; # monitor climate factors such as rainfall and temperature; # analyse and interrogate data from monitoring equipment; # demonstrate knowledge in sustainable material selection; and # demonstrate knowledge and understanding of the principles behind green infrastructure systems and their construction.
Assessment:	1.5 hour examination (30%) mid semester, 1.5 hour examination (30%) end semester, Practical Project Report of 1500 words (40%) end semester.

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:	On completion of this subject students should be able to: # demonstrate skills of critical observation and analysis # exercise problem-solving skills # apply theoretical principles to practical outcomes # apply mathematical concepts to the understanding of physical processes # plan effective work schedules # think critically and organise knowledge
Related Course(s):	Associate Degree in Environmental Horticulture Associate Degree in Urban Horticulture