

# HORT20028 Landscape Technology

<b>Credit Points:</b>	12.5
<b>Level:</b>	2 (Undergraduate)
<b>Dates &amp; Locations:</b>	2016, Burnley This subject commences in the following study period/s: Semester 2, Burnley - Taught on campus. This subject is taught on alternate years.
<b>Time Commitment:</b>	Contact Hours: 24 hours lectures, 24 Hours Tutorials/Practical/Project activities. Total: 48 hours Total Time Commitment: 170 hours
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	Students undertaking this subject will be expected to regularly access an internet-enabled computer. 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. This course requires all students to enrol in subjects where they must actively and safely contribute to field excursions and laboratory activities. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the Subject Coordinator and Disability Liaison <a href="http://services.unimelb.edu.au/disability/students">http://services.unimelb.edu.au/disability/students</a> email: <a href="mailto:disability-liaison@unimelb.edu.au">disability-liaison@unimelb.edu.au</a>
<b>Coordinator:</b>	Mr Frederick Hellriegel
<b>Contact:</b>	<a href="mailto:frederick.hellriegel@unimelb.edu.au">frederick.hellriegel@unimelb.edu.au</a> ( <a href="mailto:frederick.hellriegel@unimelb.edu.au">mailto:frederick.hellriegel@unimelb.edu.au</a> )
<b>Subject Overview:</b>	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. 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; investigate landscape sites and understand the impact of development on the built landscape including an understanding of water movement through the landscape and its control. Knowledge about materials, their sustainability, selection and use will also be an important 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.
<b>Learning Outcomes:</b>	On completion of this subject students should be able to: <ul style="list-style-type: none"> <li>* demonstrate understanding of the interdisciplinary nature of the landscape construction industry</li> <li>* identify key activities associated with landscape construction</li> <li>* demonstrate familiarity with Australian and industry standards</li> <li>* understand the role of the landscape documentation package</li> <li>* understand a range of landscape construction techniques for hard landscape elements</li> <li>* understand existing site dynamics, and the impact of development on the built landscape</li> <li>* understand the dynamics of water movement through the built landscape</li> <li>* demonstrate knowledge in sustainable material selection; and</li> </ul>

	* demonstrate knowledge and understanding of the principles behind green infrastructure systems and their construction.
<b>Assessment:</b>	1.5 hour examination (30%) mid semester, 1.5 hour examination (30%) end semester, Practical Project Report of 1500 words (40%) end semester.
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	<p>On completion of this subject students should be able to:</p> <ul style="list-style-type: none"> <li># demonstrate skills of critical observation and analysis</li> <li># exercise problem-solving skills</li> <li># apply theoretical principles to practical outcomes</li> <li># apply mathematical concepts to the understanding of physical processes</li> <li># plan effective work schedules</li> <li># think critically and organise knowledge</li> </ul>
<b>Related Course(s):</b>	Associate Degree in Environmental Horticulture Associate Degree in Urban Horticulture