HORT90032 Greening Landscapes

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, Burnley This subject commences in the following study period/s: Semester 2, Burnley - Taught on campus. Lectures and tutorials at Parkville; Practicals at Burnley
Time Commitment:	Contact Hours: 72 hours Total Time Commitment: Estimated total time commitment (including non-contact time): 80 hours.
Prerequisites:	Nil
Corequisites:	Nil
Recommended Background Knowledge:	Nil
Non Allowed Subjects:	Nil
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/
Coordinator:	Ms Denise Johnstone
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Subject Overview:	This subject explores biological, ecological and technical aspects of plant reproduction, horticulture, and forestry in relation to planning and design issues for vegetation establishment in parks and amenity settings, restoration and habitat creation, commercial horticulture, and forestry. It will address critical stages in the successful establishment of vegetation, including seed quality (genetic variability, integrity and development) plant growth and propagation techniques (seed germination, vegetative and micropropagation), production requirements and strategies (media and materials, crop scheduling, plant quality, and commercial practice) and plant establishment issues and methods (site preparation, planting, natural regeneration and direct seeding). The theory and practice of planting the built environment will be demonstrated through lectures, tutorials, field trips and practical sessions.
Objectives:	On completion of this subject students should be able to: # evaluate the different methods associated with landscape plant production # identify the biological and ecological issues associated with producing landscape vegetation # understand how to successfully establish landscape vegetation # in a limited way, successfully propagate plants for landscape use # understand the relationships between horticulture, forestry and landscape architecture
Assessment:	A mid-term examination of 2 hours (50%) and an end-of-semester, take-home examination to exceed 2500 words (50%).
Prescribed Texts:	Handreck, K. and Black, N. (2002) Growing media for ornamental plants and turf. 4th Edition. University of New South Wales Press, Sydney, Australia.
Recommended Texts:	Hartmann, H.T., Kester, D.E., Davies, F.T. and Geneve, R.L. (2002). *Hartmann and Kester's plant propagation; principles and practices.* 7th Edition. Prentice Hall, Upper Saddle River, New Jersey, USA.

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 will be able to: # source, interpret and apply information from written and electronic sources to better understand plant propagation and growing # use scientific and technical literature to answer specific questions and aid problem-solving in plant selection # investigate and analyse issues pertaining to plant growing # develop written and verbal communication skills # manage workloads and time efficiently