

## 220-162 Forest Surveying and Measurement

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| <b>Credit Points:</b>                    | 12.500   |
| <b>Level:</b>                            | Undergraduate  |
| <b>Dates &amp; Locations:</b>            | 2008,<br>This subject commences in the following study period/s:<br>Semester 2, - Taught on campus.  |
| <b>Time Commitment:</b>                  | Contact Hours: Thirty hours of lectures and 30 hours of practical work Total Time Commitment:<br>Not available   |
| <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>  | <p>&lt;p&gt;For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.&lt;/p&gt;         &lt;p&gt;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 may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>  |
| <b>Coordinator:</b>                      | Mr Mark Stewart  |
| <b>Subject Overview:</b>                 | <p>This subject introduces the techniques and tools used to measure the forest and its attributes. On completion of this subject, students should;</p> <ul style="list-style-type: none"> <li># be able to collect and interpret land survey data;</li> <li># be able to measure trees;</li> <li># apply basic sampling techniques and designs to assess various forest attributes in both native forest and plantations;</li> <li># be able to interpret aerial photographs; and</li> <li># appreciate the potential of remote sensing for use in land surveying and management.</li> </ul> <p>The subject covers:</p> <ul style="list-style-type: none"> <li># map interpretation, use and maintenance of surveying instruments;</li> <li># compass traversing and mapping, gradelines and plotting contours;</li> <li># stand parameter measurement and field assessment;</li> <li># tree volume and growth; and</li> <li># aerial photograph interpretation and remote sensing systems.</li> </ul> |
| <b>Assessment:</b>                       | A 2-hour examination worth 40% and up to eight practical exercises totalling 60%.  |
| <b>Prescribed Texts:</b>                 | None   |

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| <b>Recommended Texts:</b> | Information Not Available   |
| <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>    | Information Not Available   |
| <b>Related Course(s):</b> | Associate Degree in Forestry Management   |