

## ISYS90051 Impact of Digitisation

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	This subject is not offered in 2011. Lectures
<b>Time Commitment:</b>	Contact Hours: 3 hours per week Total Time Commitment: 10 hours per week
<b>Prerequisites:</b>	Students who are enrolled in the two year 200 point Master of Information Systems must have completed 50 points of study to enrol in this subject.
<b>Corequisites:</b>	None.
<b>Recommended Background Knowledge:</b>	None.
<b>Non Allowed Subjects:</b>	None.
<b>Core Participation Requirements:</b>	For the purposes of considering requests 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 for 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: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Contact:</b>	Martin Gibbs ( <a href="mailto:martin.gibbs@unimelb.edu.au">martin.gibbs@unimelb.edu.au</a> ( <a href="mailto:martin.gibbs@unimelb.edu.au">mailto:martin.gibbs@unimelb.edu.au</a> ))
<b>Subject Overview:</b>	In this subject students examine the implications of the digitization of data, information, and communications on organizations and society. Students will investigate how digitization affects individuals, organizations, and society with associated security, compliance, legal and regulatory considerations. These implications are also examined in regard to ethical questions around information privacy, accessibility, ownership, and accuracy.
<b>Objectives:</b>	<p>Upon completion of this subject, students should be able to:</p> <ul style="list-style-type: none"> <li>• Describe the influence of increasing digitization on organizations and society</li> <li>• Develop an approach to securing a firm's digital assets</li> <li>• Apply a methodology to ensure ICT assets do not expose the firm to excessive security risk</li> <li>• Explain how digitization of information and the proliferation of global wired and wireless networks are enabling new relationships between firms, posing new threats, and creating new ways of working</li> <li>• Explain the implications of emerging ethical concerns about information privacy, accuracy, property, and accessibility</li> <li>• Define what constitutes a safe digital environment</li> </ul>
<b>Assessment:</b>	Individual and group tasks comprising the following: a group seminar paper of 1700 words (20%) and associated seminar presentation plus led discussion (20%) due throughout semester; a 1000 word review essay (15%) due throughout semester; a 3000 word essay due in the exam period (35%); and contributions to seminar activities due throughout semester (10%).
<b>Prescribed Texts:</b>	There are no prescribed texts for this subject.
<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>	Students should develop skills in literature search and analysis, critical thinking and independent learning.
<b>Links to further information:</b>	<a href="http://www.dis.unimelb.edu.au/current/postgrad/subjects/index.html">http://www.dis.unimelb.edu.au/current/postgrad/subjects/index.html</a>

<b>Related Course(s):</b>	Bachelor of Information Systems (Degree with Honours) Master of Business Administration/Master of Information Systems Master of Information Systems Master of Information Systems Master of Information Systems Master of Information Systems/Postgraduate Diploma in Management Master of Science (Information Systems)
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