

ISYS90051 Impact of Digitisation

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 36 hours, comprising of one 3 hour lecture per week Total Time Commitment: 200 hours
Prerequisites:	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.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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 Overview, Objectives, Assessment and Generic Skills sections of this entry. 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 & Disability Support http://www.services.unimelb.edu.au/disability/
Coordinator:	Assoc Prof Martin Gibbs
Contact:	Assoc Prof Martin Gibbs Email: martin.gibbs@unimelb.edu.au (mailto:martin.gibbs@unimelb.edu.au)
Subject Overview:	<p>Aims</p> <p>In this subject students examine the implications of the digitisation of data, information, and communications on organisations and society. Students will investigate how digitisation affects individuals, organisations, 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.</p> <p>Indicative Content</p> <p>Topics covered may include the impact of new and emerging information products and services on social networks, on privacy, censorship and content control, information security, intellectual property, citizenship, and other aspects of organisational and daily life.</p>
Learning Outcomes:	<p>Intended Learning Outcomes (ILOs)</p> <p>On completion of this subject the student is expected to:</p> <ol style="list-style-type: none"> 1 Having completed this unit the student is expected to: Describe the influence of increasing digitisation on organisations and society 2 Explain how digitisation of information and the proliferation of global wired and wireless networks are enabling new relationships between organisations, posing new threats and challenges, and creating new ways of working

	3 Explain the implications of emerging ethical and regulatory concerns about information privacy, accuracy, property, and accessibility
Assessment:	One seminar paper (15%) with 3 group members of approximately 2500 words supported by a presentation (15%) of approximately 25 minutes duration, requiring approximately 40-45 hours of work per student. Intended Learning Outcomes (ILOs) 1 to 3 are addressed in the seminar paper. One individual essay (20%) of approximately 1000 words due mid semester, requiring approximately 25-30 hours of work per student. ILOs 1 to 3 are addressed in this essay. ILOs 1 to 3 are addressed in this essay. One individual essay (40%) of approximately 2000 words due in the end of semester examination period, requiring approximately 55-60 hours of work per student. ILOs 1 to 3 are addressed in this essay. Participation in seminar activities and contributions to online discussion (10%) throughout the semester, requiring approximately 13-15 hours of work per student. ILOs 1 to 3 are addressed in the seminar activities and online discussion.
Prescribed Texts:	There are no prescribed texts for this subject.
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 have developed the following generic skills: <ul style="list-style-type: none"> # An ability to analyse complex issues and communicate them both orally and in writing. # Capacity for independent critical thought, rational inquiry and self-directed learning. # Profound respect for truth and intellectual integrity, and for the ethics of scholarship. # An ability to work effectively as a member of a project team.
Links to further information:	http://www.cis.unimelb.edu.au
Notes:	<p>Learning and Teaching Methods</p> <p>The subject is delivered in a 3 hour classes with each class containing a lecture, seminar discussion and student presentations.</p> <p>Indicative Key Learning Resources</p> <p>Students will have access to lecture notes and lecture slides. The subject LMS site also contains links to recommended literature and other resources.</p> <p>Careers/Industry Links</p> <p>The IT industry is a large and steadily growing industry. Critical understanding of the implication of digitisation for individuals, organisations and society is crucial for responsible professional practice in the IT industry.</p>
Related Course(s):	<p>Doctor of Philosophy - Engineering</p> <p>Master of Business Administration/Master of Information Systems</p> <p>Master of Information Systems</p> <p>Master of Information Systems</p> <p>Master of Information Systems</p> <p>Master of Information Systems/Graduate Diploma in Business Admin</p> <p>Master of Philosophy - Engineering</p> <p>Master of Science (Information Systems)</p>
Related Majors/Minors/Specialisations:	<p>MIS Professional Specialisation</p> <p>MIS Research Specialisation</p>