BISY90013 Information Technology Forensics

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: A total of 36 hours of seminars Total Time Commitment: Estimated total time commitment of 120 hours per semester
Prerequisites:	Completion of an undergraduate degree in accounting, finance, law or another relevant discipline or as approved by the Head of Department.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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: http://www.services.unimelb.edu.au/disability/
Coordinator:	Dr Andrew Lonie
Contact:	Graduate School of Business and Economics Student Centre Level 4, 198 Berkeley Street Telephone: +61 3 8344 1670 Online Enquiries: **http://www.gsbe.unimelb.edu.au/future/unity_forms/contact.html (http://www.gsbe.unimelb.edu.au/future/unity_forms/contact.html/)** Web: **www.melbournegsm.unimelb.edu.au (http://www.gsbe.unimelb.edu.au/)**
Subject Overview:	In today's world law enforcement is increasingly exposed to evidence embedded in accounting and business information systems. Consequently, there is a greater need for practitioners to acquire specialist knowledge and skills to effectively deal with complex computer technology in investigations. This subject aims to impart detailed knowledge of information technology as well as a thorough understanding of the rigorous requirements of obtaining evidence that will be acceptable in legal. The subject covers the basics of technology, networking, security, the law of evidence, information and communication forensics technology and intrusion forensics as well as the manner in which digital evidence can be identified, preserved, analysed and presented to be acceptable in legal proceedings in Australia.
Objectives:	On successful completion of this subject, students should be able to: # Understand the basic workings of information technologies used in the modern business environment, including networking and security; # Identify the key aspects of information technology and intrusion forensics when investigating a modern information technology environment; # Apply knowledge of intrusion forensics to obtain information which is consistent with the types of evidence being sought; # Through the analysis of case studies, demonstrate a high level of understanding of the key tenets of information technology forensics; # Describe the various types of computer fraud and detail processes and techniques which may be used to identify potentially fraudulent patterns in data.
Assessment:	2-hour end-of-semester examination (60%)Assignments equivalent to not more than 3000 words (30%)Class participation (10%)

Prescribed Texts:	You will be advised of prescribed texts by your lecturer.
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 successful completion of this subject, students should have improved the following generic skills: # The ability to match the information with types of evidence sought; # Critical thinking skills; # Oral and written communication skills.
Related Course(s):	Graduate Certificate in Business Forensics Master of Accounting Master of Accounting Master of Business and Information Technology Master of Business and Information Technology Master of e-Forensics and Enterprise Security