N07-AA Graduate Certificate in Digital Forensics

Year and Campus:	2009
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	
Contact:	Irna Grace Kostic Project Manager **i.kostic@mccp.unimelb.edu.au (mailto:i.kostic@mccp.unimelb.edu.au)** T: 9810 3148
Course Overview:	The Graduate Certificate in Digital Forensics is a specialist course that brings together aspects of technology forensics and risk management in a cross disciplinary program. Within industry and government, there is considerable interest in developing expertise in enterprise security, forensic investigation and prevention of hostile behaviour, such as criminal activity and breach of corporate and government procedures, in a networked environment. This includes using risk analysis to develop better and safer practices and procedures.
Objectives:	The aim of the course is to develop skills in the identification and understanding electronic crime and their investigation and prevention through appropriate security measures. It includes key concepts and issues in digital forensics, current law in practical terms, system security and risk management considerations for secure electronic environments. Within the four required subjects, students will be able to:- # Understand the technical content of computer forensic investigations and their role in enabling successful investigation and prevention of electronic crimes; # Appreciate the legal status of an investigation along with current case law and statute in the context of electronic crime; # Consider risk management in today's electronic environment and the standards and methods commonly in use to reduce or eliminate electronic crime; # Gain an understanding of computer networks & the internet and the security and protection available from a range of detection and prevention measures;
Subject Options:	
Entry Requirements:	An undergraduate degree or relevant work experience. It is expected that participants will have a knowledge of computing including basic computing skills and a familiarity with the Internet.
Core Participation Requirements:	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. 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: http://services.unimelb.edu.au/disability
Notes:	**Course Dates:** 360809 Electronics Law Fundamentals 2-3 Feb 2007, 2-3 Mar 2007, 16-17 Mar 2007

Subject	Study Period Commencement:	Credit Points:
360-809 Electronic Law Fundamentals	Semester 1, Semester 2	12.500
360-804 Computer Forensics	Semester 1, Semester 2	12.500
360-808 Network Security	Semester 1, Semester 2	12.500
360-867 Advanced Computer Forensics	Semester 1, Semester 2	12.500

	360808 Network Security 20-21 Apr 2007, 11-12 May 2007, 1-2 Jun 2007 360804 Computer Forensics 3-4 Aug 2007, 24-25 Aug 2007, 14-15 Sep 2007 *Electives (one of the followings)* 360822 eRisk Assessment 20-21 Jul 2007, 10-11 Aug 2007, 31 Aug - 1 Sep 2007 Advanced Computer Forensics 19-20 Oct 2007, 9-10 Nov 2007, 30 Nov - 1 Dec 2007