TE WHARE WĀNANGA O TE ŪPOKO O TE IKA A MĀUI

VICTORIA
UNIVERSITY OF WELLINGTON

School of Information Management

INFO 388 ENTERPRISE SECURITY
Trimester 1, 2016

COURSE OUTLINE

Prescription
An evaluation of the systems, software, tools and techniques deployed to protect digital assets in companies and government organisations. Apply the theories of data security to analyse potential vulnerabilities in Internet and Enterprise Architecture, and design loss prevention strategies.

Course Learning Objectives
On completion of the course students will be able to:
1. Evaluate data protection systems, software, tools and techniques
2. Use data protection theory to classify and rank vulnerabilities
3. Analyse Enterprise Architecture to identify potential risks
4. Devise procedures and strategies to minimise enterprise data risks

Trimester Dates
Teaching Period Monday 29 February - Friday 3 June

Withdrawal from Course
1. Your fees will be refunded if you withdraw from this course on or before Friday 11th March 2016.

2. The standard last date for withdrawal from this course is Friday 13th May 2016. After this date, students forced to withdraw by circumstances beyond their control must apply for permission on an '*Application for Associate Dean's Permission to Withdraw Late*' including supporting documentation. The application form is available from either of the Faculty's Student Customer Service Desks or online.

Names and Contact Details

	Staff	Contact Details	Room	Office Hours
Course Coordinator & Lecturer	Assoc. Prof. Val Hooper	val.hooper@vuw.ac.nz 04-463-5020	RH 525	By appointment
Lecturer	Dr Allan Sylvester	allan.sylvester@vuw.ac.nz 04-463-6813	RH 501	By appointment
SIM Undergraduate Support Team	Anette Klaassen Duncan Inkster	simstudents@vuw.ac.nz 04-463-6998	RH 521	Mon-Fri 10am-4pm or by appointment

Class Times and Room Numbers
Lectures: Wednesdays: 9:30 – 11:20
Lecture theatre GBLT2
Tutorials: tba

Tutorial Signups
Students will be required to sign up for a 1-hour tutorial. There will be 10 weeks of tutorials (Weeks 2-11). Tutorial options will be made available in Week 1. Please sign up during that week – and not later than 5pm on Sunday 6 March as tutorials will begin in Week 2.
Sign up will take place via myAllocator https://student-sa.victoria.ac.nz/

Course Delivery
The following schedule indicates the topic of the lecture of each week and when deliverables are due.

Class	Date	Topic	Readings	Deliverables
1	2 March	Threats	Ch 1	
2	9 March	Planning and policy	Ch 2	
3	16 March	Keys and locks (Cryptography)	Ch 3	
4	23 March	Secure networks	Ch 4	
Break				
5	6 April	Limiting access	Ch 5	
6	13 April	Protecting the city walls	Ch 6	
7	20 April	Hardness and resilience	Ch 7	Case based project
Break				
8	4 May	Application security	Ch 8	
9	11 May	Data breaches	Ch 9	
10	18 May	Incident management	Ch 10	
11	25 May	Privacy breaches	Chs 2, 5, 7, 9	
12	1 June	Test	Chs 1-10	Test

From the week of 7 March tutorial assignments will be submitted weekly

Readings
The compulsory textbook for this course is
Boyle, R.J. & Panko, R.R. (2015). Corporate Computer Security: Global Edition. 4th ed. Pearson, Boston.
The textbook is available in hard copy from Vic Books and in soft copy via this Pearson NZ webpage: http://www.pearsoned.co.nz/9781292066592
Sundry articles may be distributed during the course.

Expected Workload
Students are expected to put in 150 hours of work for this course. Although times will vary amongst individuals, the following is a rough guideline as to time allocation:
Class attendance……………………………..24 hrs (2 hrs each for 12 classes)
Tutorial attendance……………………………10 hrs (1 hr each for 10 tutorials)
Case preparation……………………………..56 hrs
Reading, study and tutorial preparation………..60 hrs

Assessment
The Assessment Handbook will apply to all VUW courses: see
http://www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf.

Assignment	Description	Specifications	%	Addresses CLOs	Due
Practical assignment	Tutorial exercise pertaining to some aspect(s) of each weekly tutorial*	Tba	30	1,2	Weekly (Weeks 2-11)
Case based project	The case, illustrating some aspects of the course, will be distributed at least 3 weeks before the due date.	3,000 words	40	3,4	20 April
Test	The test will cover the material of the whole course.	2 hrs	30	1-4	1 June

*There will be 10 weeks of tutorials (Weeks 2-10). Tutorial exercises for each week will be posted on Blackboard, and students will be required to submit their completed exercises through Blackboard by 11:59 pm of the Monday of that tutorial week. Each exercise is allocated 3% of the total course mark.

If you cannot complete an assignment or sit a test or examination, refer to
www.victoria.ac.nz/home/study/exams-and-assessments/aegrotat

Penalties
The penalty for late submission of work without a prior extension arrangement is a reduction of 10% of the available marks each calendar day, starting from the due date and time, up to 5 days after the due date. At the course coordinator's discretion, work handed in after 5 days may be assessed and feedback provided, but no grade will be assigned.

Extensions
Personal extensions are granted only in special circumstances and supporting evidence such as a medical certificate may be requested by the course coordinator or SIM undergraduate support team.

Non-extendable assessments. For some work, such as: lab projects, case discussion preparation, and tutorial preparation there is no possibility of late submission as the opportunity for the work to be completed has already passed.

Use of Turnitin
Student work provided for assessment in this course may be checked for academic integrity by the electronic search engine http://www.turnitin.com. Turnitin is an on-line plagiarism prevention tool which compares submitted work with a very large database of existing material. At the discretion of the Head of School, handwritten work may be copy-typed by the School and submitted to Turnitin. A copy of submitted materials will be retained on behalf of the University for detection of future plagiarism, but access to the full text of submissions will not be made available to any other party.

Student feedback
Although this will be the first time that this course has been offered, student feedback received from this course will subsequently be found at www.cad.vuw.ac.nz/feedback/feedback_display.php.

Class Representative
A class representative will be elected in the first class, and that person's name and contact details made available to VUWSA, the course coordinator and the class. The class representative provides a communication channel to liaise with the course coordinator on behalf of students.

Communication of Additional Information
The primary means of communication will be face-to-face, via e-mail and via Blackboard.

Link to general information
For general information about course-related matters, go to
http://www.victoria.ac.nz/vbs/studenthelp/general-course-information

Note to Students
Your assessed work may also be used for quality assurance purposes, such as to assess the level of achievement of learning objectives as required for accreditation and academic audit. The findings may be used to inform changes aimed at improving the quality of VBS programmes. All material used for such processes will be treated as confidential, and the outcome will not affect your grade for the course.

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