

School of Information Management

INFO 325 TELECOMMUNICATIONS IN BUSINESS

Trimester 1, 2015

COURSE OUTLINE

Names and Contact Details

Course Coordinator: Dr Allan Sylvester Office: RH501 Phone: 463 6813 allan.sylvester@vuw.ac.nz (Preferred) Office hours: See Blackboard	Senior Lecturer: Dr Janet Toland, Senior Lecturer Office: RH523 Phone: 463 6861 janet.toland@vuw.ac.nz Office hours: See Blackboard
SIM Undergraduate Support Team: Simon Park Office: RH531 Lucia Sohn Office: RH 502 simstudents@vuw.ac.nz Phone: 463 6998	

Teaching Period: Monday 2nd March – Friday 5th June

Study Period: Monday 8th June – Thursday 11th June

Examination Period: Friday 12th June – Wednesday 1st July (inclusive)

Withdrawal from Course

1. Your fees will be refunded if you withdraw from this course on or before Friday 13th March 2015.
2. The standard last date for withdrawal from this course is Friday 15th May. 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](#).

Class Times and Room Numbers

Thursday 8:30-10:20 in GBLT1

Refer to Blackboard for tutorial sign-up instructions

Course Delivery

The course is delivered through 12 x 2 hour lectures and 9 x 1 hour tutorials – both types of class are equally important to your learning. In addition, your personal learning effort and the supplemental material posted on Blackboard is a vital part of the course and should not be ignored. There may be quizzes and questions asked in class so you will need to have done the preparation exercises to have sufficient awareness of the topics to participate fully in class. Materials posted on Blackboard are designed to supplement classes; you cannot count on Blackboard for a complete view of what is going on in the course

Lectures:

- Face to face lectures are the primary delivery medium for introducing and framing the topics in this course.
- Topics that arise from class discussions are an important part of the course and may form part of the final examination. The broadband telecommunication scene in New Zealand and internationally is evolving rapidly, as a result items sourced from current news can form part of our class discussion.
- There is a direct link between attendance in class and overall success in the course.
- Guest lectures and videos may be used to supplement the topics covered and are part of the assessable material of the course. *Note. Guests may make their materials available, but you shouldn't count on it.*
- Please take your own notes. Our slides are useful for the lecturers and tutors to keep track of the flow of the course material and can act as part of your note taking strategy. However, lecture slides should not be thought of as a replacement for your own personal learning effort or attendance in class.

Tutorials:

Tutorials for INFO325 have two important functions:

1. To provide a supplemental discussion forum for some of the more technical aspects of the course introduced during lectures.
2. As a way of preparing for and discussing the assignment topics. Specific support for the assignments will be covered in tutorials and an opportunity for feedback on your essay plan and business case will be provided.
3. Tutorial preparation exercises (TPE) are worth 10% of the course grade. These tasks are made available after each associated lecture and should be submitted or completed on Blackboard before your tutorial time.

Expected Workload

The faculty guideline suggests for a 15 point course you should plan to spend (per week):

- 2 hrs attending lectures
- 1 hr attending tutorial
- Up to 7 hrs doing readings, doing independent research for your assignments, preparing for lectures and tutorials and writing.

Prescription

A study of current telecommunications technologies from a business and management point of view, covering the pertinent developments in communications protocols, telecommunications service options, networks operations, bandwidth, Internet and data transfer applications.

Course Learning Objectives

Students who pass this course should be able to:

By the end of INFO325, students should be able to:		Learning goals	Major attributes
1	Describe the major telecommunications technologies used within businesses today	LG1	MA2, MA3
2	Analyse from a commercial perspective an extensive range of telecommunication technologies and solutions identifying advantages and limitations	LG1	MA1, MA2
3	Analyse from a commercial perspective proposed standards that could influence the way businesses conduct business	LG3	MA5, MA7
4	Identify emerging technologies that allow connectivity anytime anywhere	LG1	MA4
5	Describe and discuss key factors impacting on adoption and take-up of telecommunication technologies and solutions	LG3	MA4, MA2
6	Summarise and discuss key managerial and organisational issues surrounding telecommunications in business.	LG4	MA6, MA2, MA1

Course Content

Week	Lecture	Topics	Assessments	Tutorials
1	5th March	Introduction to Telecommunications Telecoms reference models	Nothing due.	No Tutorial
2	12th March	Theories of communications Telecommunications infrastructure	TPE-1	T1
3	19th March	Physical networks Datalink protocols	TPE-2	T2
4	26th March	Internet protocols IP networking TCP control	TPE-3	T3
5	2th April	The TCP/IP game	Hand-in A1	No Tutorial
Mid – term break last day 2 nd April Returning on 20 th April – no lectures or tutorials				
6	23rd April	Radio communications WiFi and Bluetooth	TPE-4	T4
7	30th April	Business value of ICT resource investments	TPE-5	T5
8	7th May	ICT technical frameworks and models	TPE-6	T6
9	14th May	Cyber-security and cyber-resilience in organisations/ Online identity – risks and responsibilities	TPE-7	T7
10	21st May	Cloud computing and data sovereignty	TPE-8 Hand-in A2	T8
11	28th May	Broadband economy in NZ and internationally	TPE-9	T9
12	4th June	Wrap-up	No TPE	No Tutorial

Readings

The required textbook: *Business Driven Data Communications: by Michael S. Gendron*, ISBN:978-0-13-156497-8 is available from VicBooks (\$190).

Other articles, notes and study units will be posted on Blackboard to supplement your independent inquiry and reading on the subject.

Assessment

The Assessment Handbook will apply to all VUW courses: see

<http://www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf>.

Assessment item	Due	Objective tested	Percentage
Essay (3000 words)	2 nd April (See Blackboard for details)	1,2,3,4	25%
Business Case (3000 words)	21 st May (See Blackboard for details)	2,3,5	25%
Tutorials.	Attend, submit the tutorial preparation exercises (where required) and participate in a minimum of six out of the nine tutorials.	All	10%
Final Examination (2 Hour exam)	As announced in the examination timetable.	All	40%

Extensions and Penalties

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.

Penalties

The penalty for late submission of work without a prior extension arrangement is a reduction of 10% of the available marks per calendar day late up to 5 days after the due date. A calendar day begins at midnight.

At the course coordinators discretion, work handed in after 5 days may be assessed and feedback provided, but no grade will be assigned.

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.

Examinations

Students who enrol in courses with examinations are obliged to attend an examination at the University at any time during the formal examination period. The final examination for this course will be scheduled at some time during the following period:

Friday 12th June – Wednesday 1st July (inclusive)

Mandatory Course Requirements

In addition to obtaining an overall course mark of 50 or better, students must ...

- Make a reasonable attempt of at least seven of the nine tutorial preparation exercises.
- Obtain a minimum of 40% of the available marks in the final exam
- Hand in a reasonable attempt of both the essay and business case assignments.

If you cannot complete an assignment or sit a test or examination, refer to

www.victoria.ac.nz/home/study/exams-and-assessments/aegrotat

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

Lectures, tutorials and Blackboard are equally important for communication of important information during the course. You are expected to attend scheduled classes and monitor Blackboard frequently for updated information about the course.

Student feedback

Student feedback on University courses may be found at:

www.cad.vuw.ac.nz/feedback/feedback_display.php

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.
