FIT5191
Network Protocols (NP) and Network Security (NS)

Your Lecturer:

Associate Professor Andrew Peter Paplinski

Andrew's webpage

Not far away from the Monash University, Clayton:

General Information

FIT5191 2018 Schedule						
	Mon	Tue	Wed	Thu	Fri	
18/06/2018	NP1	NP2	NP3	NP4	NP5	22/06/2018
25/06/2018	NP6	NP7	NP8	NP9	NP10	29/06/2018
2/07/2018	NPtest	NS1	NS2	NS3	NS4	6/07/2018
9/07/2018	NS5	NS6	NS7	NS8	NS9	13/07/2018
16/07/2018	NS10	NSsum	NPsum	Rev	Ex	20/07/2018

NP – Network Protocols
NS – Network Security
See on Moodle

Assessment consists of three parts:

1. NP Class test – 25%
2. NS Students Presentation – 25%
3. Final exam on Friday, 20/07/2018 – 50%

Assignment 2: Network Security Presentations (25%)

- Presentations will be assessed **individually** by the quality of:
  - 25% – presentation slides
  - 25% – **revision** and **test** questions for tutorial-like session
  - 25% – lecture-like presentation
  - 25% – tutorial-like session
- Presentation topics are based on the following textbook:
  - William Stallings: Cryptography and Network Security. Pearson, 7th edition, 2017.
  - Electronic copies are available from the Monash Library: https://login.ezproxy.lib.monash.edu.au/login?qurl=http%3a%2f%2flib.myilibrary.com
- Ten topics are randomly distributed to a group of three or four students. The group should decide on allocation of individual topics.

General instructions:

- Each student is expected to conduct lecture and tutorial sessions, approximately half an hour each
- The lectures and tutorials should follow the **textbook contents** subject to time limitations.
- The source material (book chapters) is typically too big for 2-hr lecture and tutorial. You have to make sensible selection of the most important aspects of the material.
- You can also consider splitting the material between the lecture and tutorial.
- Clearly specify the **learning objectives.**
- Give a summary of the **contents of the lecture**.
- Prepare a set of **revision** and **test questions and answers**, typically included in the tutorial material. These questions can be used in the exam.
- Estimate the time needed to answer each question in the exam environment.

- The complete teaching material must be made available on Moodle Assignment 2 at least **one day before** the lecture/tutorial day.
- Submit to Assignment 2 two **pdf** files with following names:
  - **NSx_y_LN_ID** -- lecture notes for lecture NSx, y is your number in the group (1 – 4), ID is your student ID
  - **NSx_y_TN_ID** -- tutorial notes for lecture NSx, y is your number in the group (1 – 4), ID is your student ID

Additional marking criteria will be based on:

- **Teaching material**: a nicely integrated version of lecture notes and tutorial questions and answers will attract a mark around 70--75% (Distinction). To get more marks a student needs to show creativity in preparing teaching material.
- **Lecture delivery and the tutorial conduct**: Each member of the group will be marked individually. The same principle as above: around 70--75% (Distinction) for very good work.
- Adequate **time management** during delivery of lectures and tutorials.

Topics Allocation:

- NS_Topics_Allocation18.pdf from Moodle