CS2105

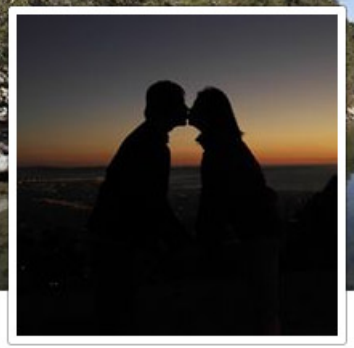
An Awesome Introduction to Computer Networks

Welcome

But first… The Cast

Wai Kay

Wai | Home 1



About

Overview

Work and Education

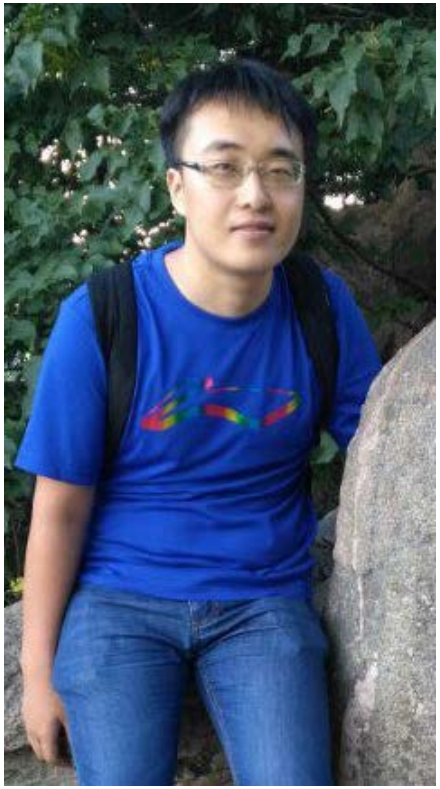
Works at National University of Singapore

waikay@nus.edu.sg

April 2

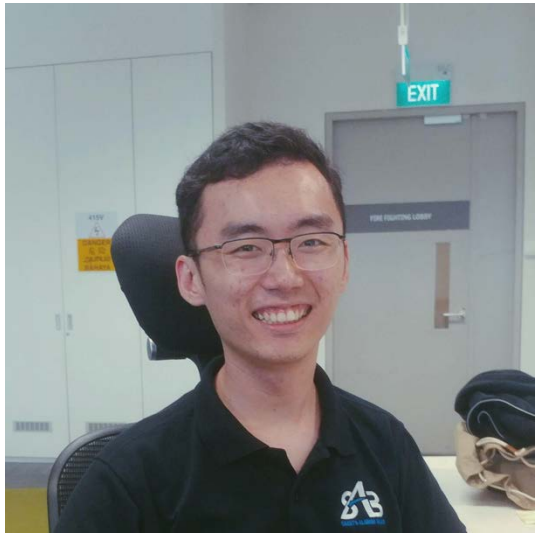
Chat (34)

Tutors



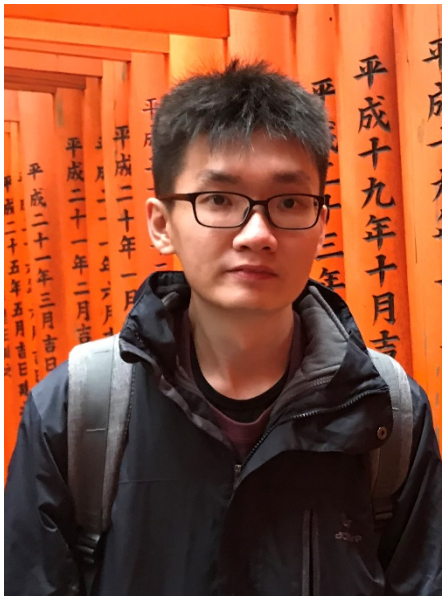
Hongqiang

Ebram



Zachary

Caryn



Jason

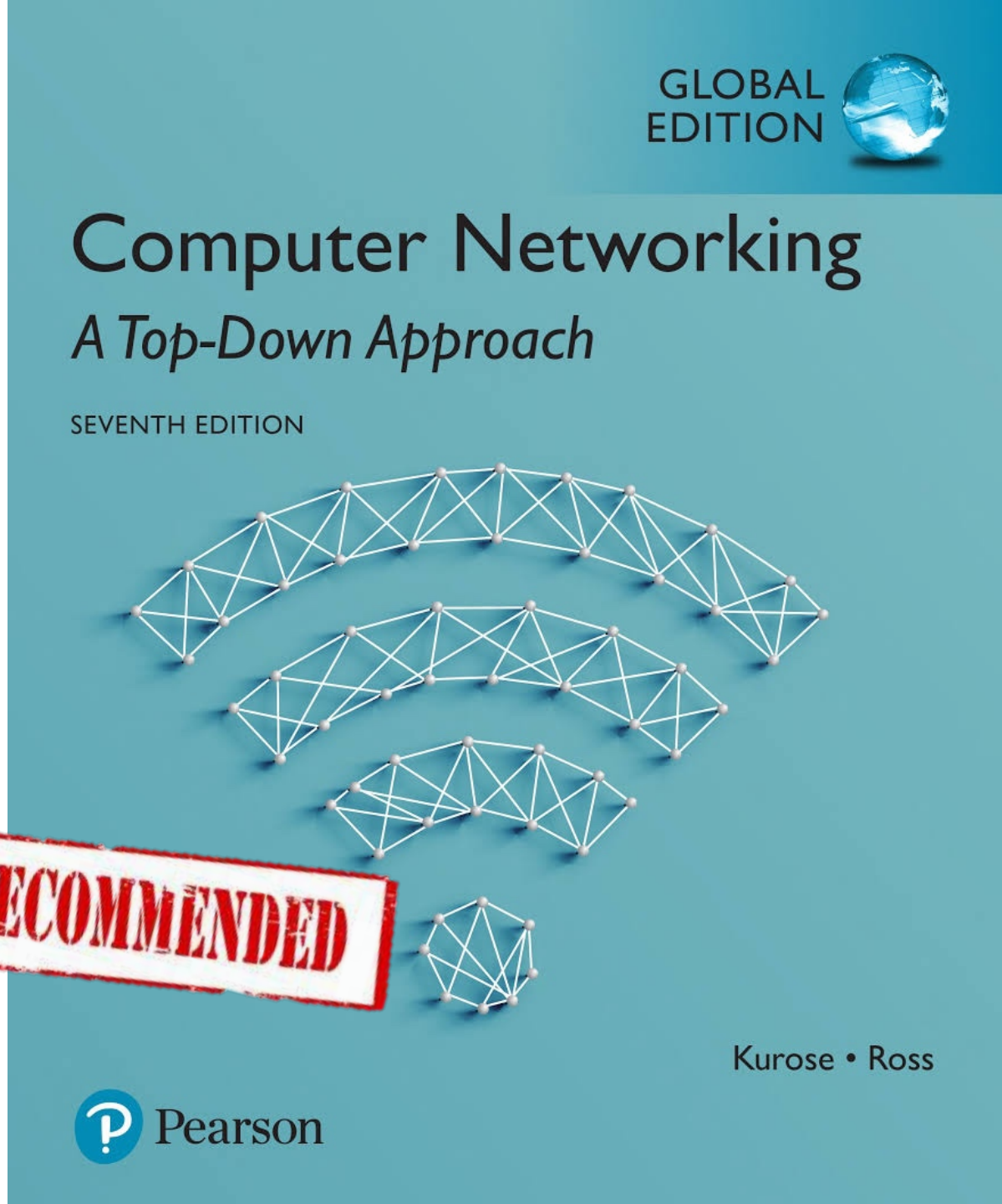
Jeremiah

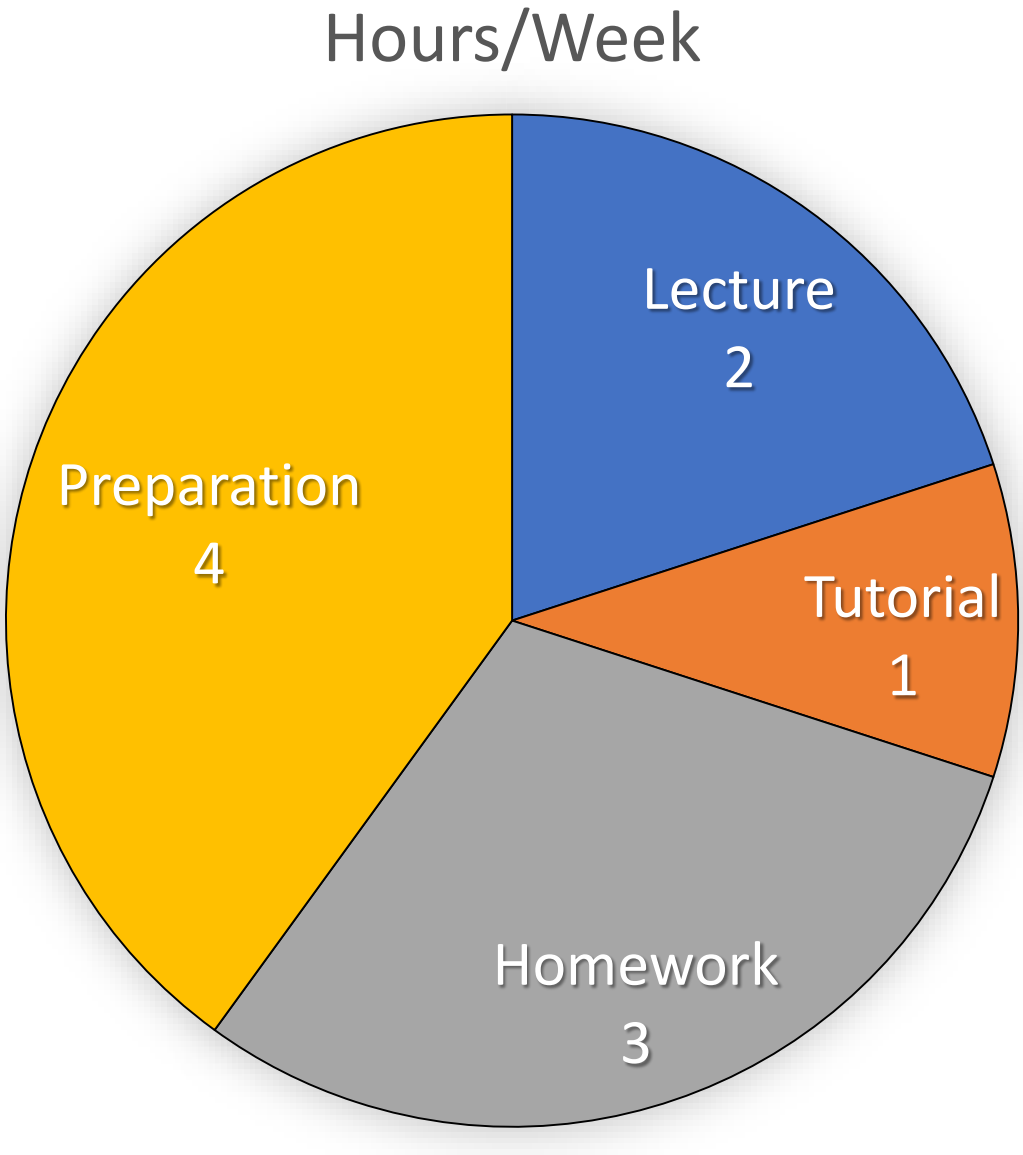
COM2-02-11

waikay@comp.nus.edu.sg

Textbook

- Computer Networking: A Top-Down Approach
- Global Edition, 7
- Authors: Kurose and Ross
- Publisher: Pearson
- ISBN: 9780136079675




Hours/Week
Lecture
2
Tutorial
1
Homework
3
Preparation
4

Lectures

Here!

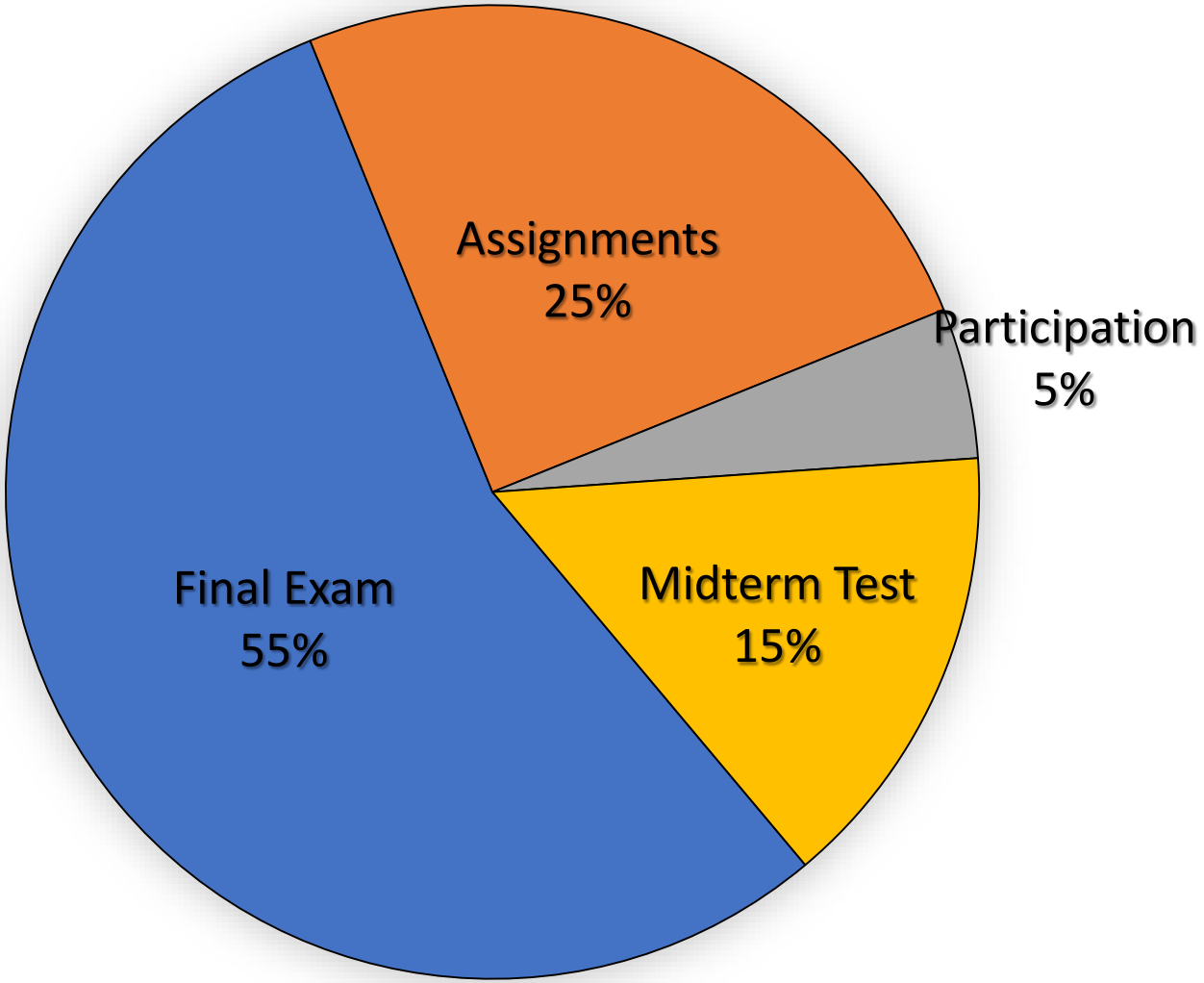
No lecture in week 8

Tutorials

Start from week 3

No tutorial in week 9

Assessment


Assignments
25%
Participation
5%
Midterm Test
15%
Final Exam
55%

Midterm Test

Week 8 Lecture Slot

8 Oct 2018, 2:15 – 3:15 pm

Final Exam

Semi-Open Book

(one double-sided A4 cheat sheet allowed)

Mon 26 Nov

Four Individual Programming Assignments

No mercy against

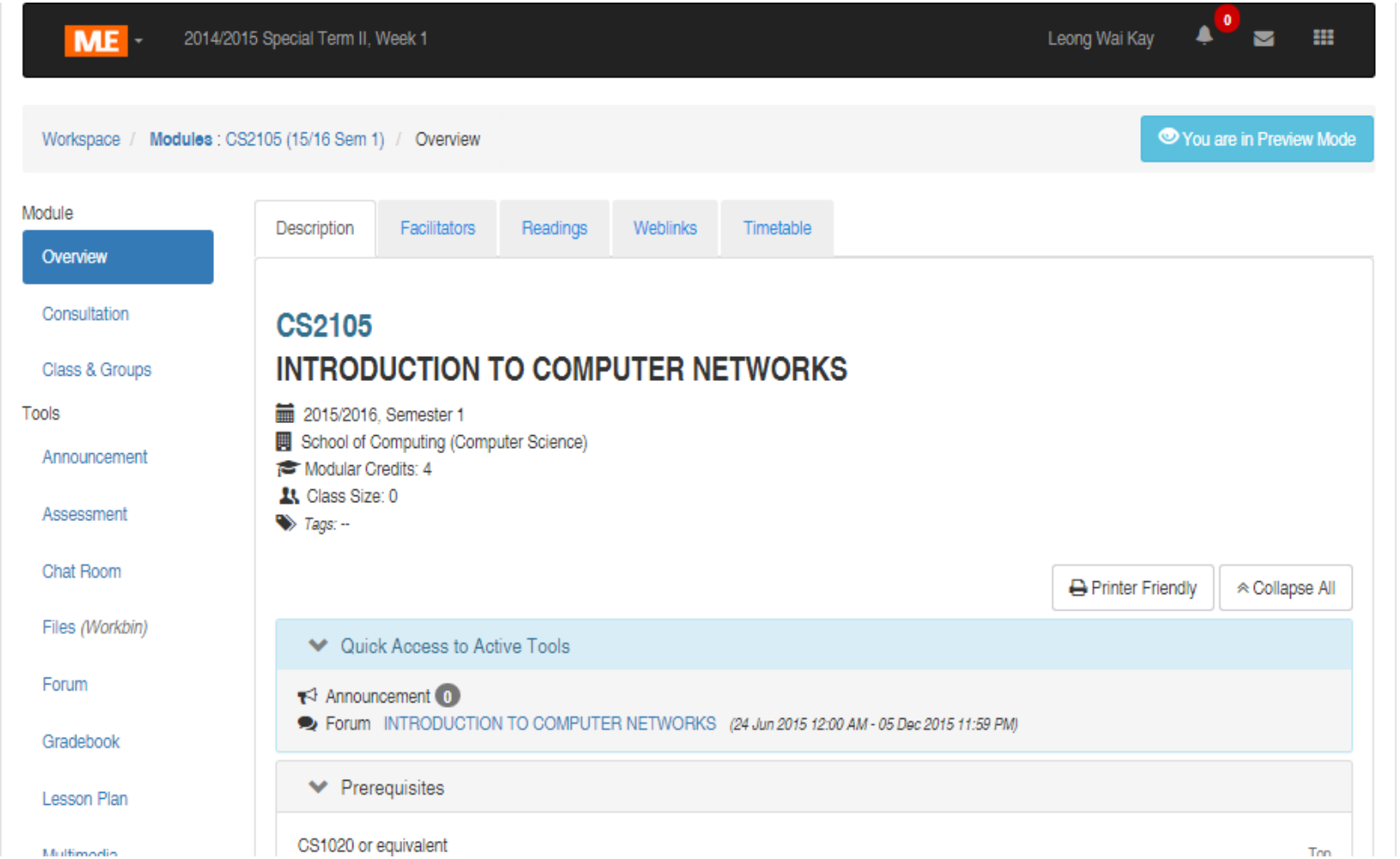
- plagiarism
- violation of naming conventions

Slides posted before the lecture might not be finalized

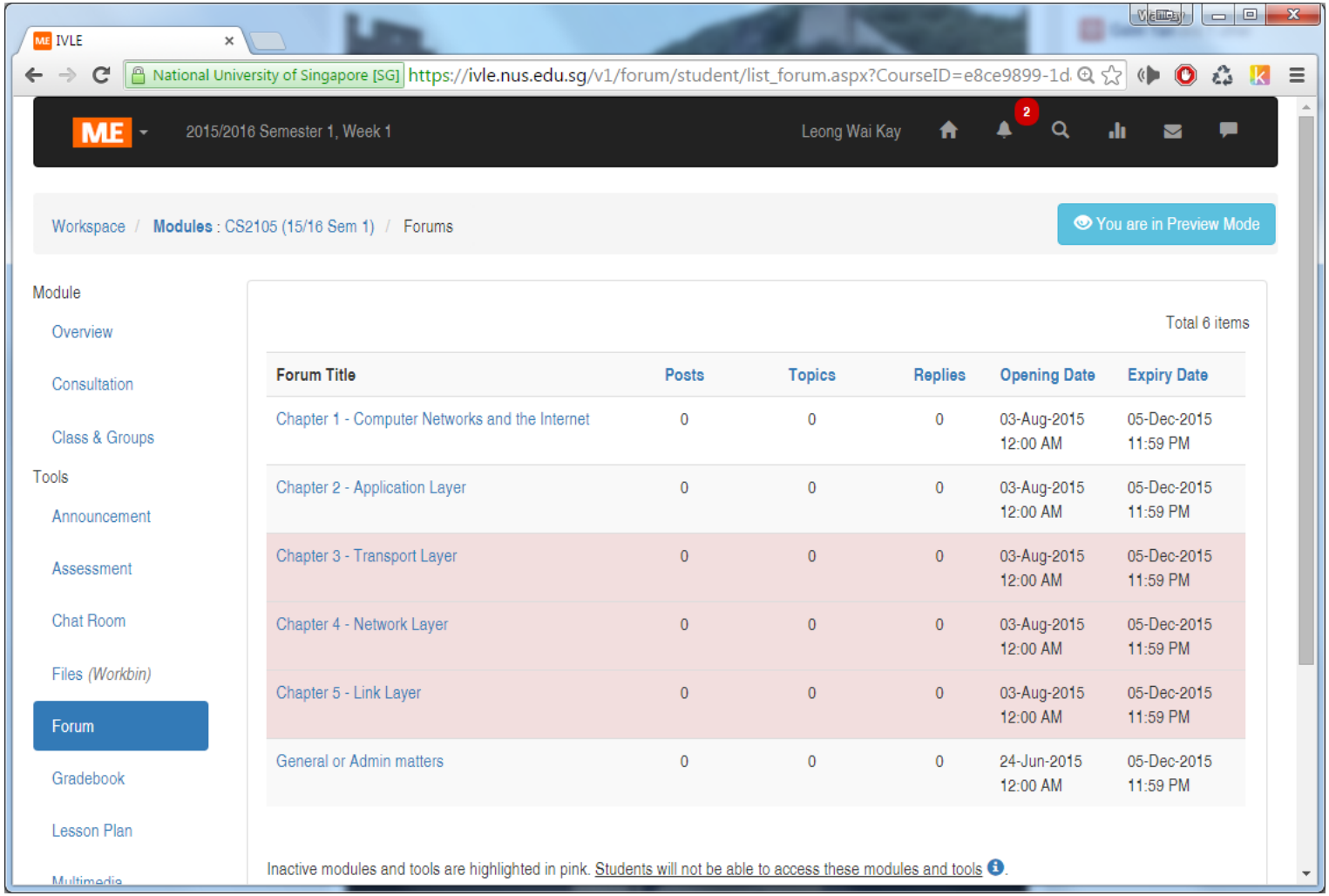
Slides might not cover all the materials

Lecture + Textbook

CS2105 on IVLE

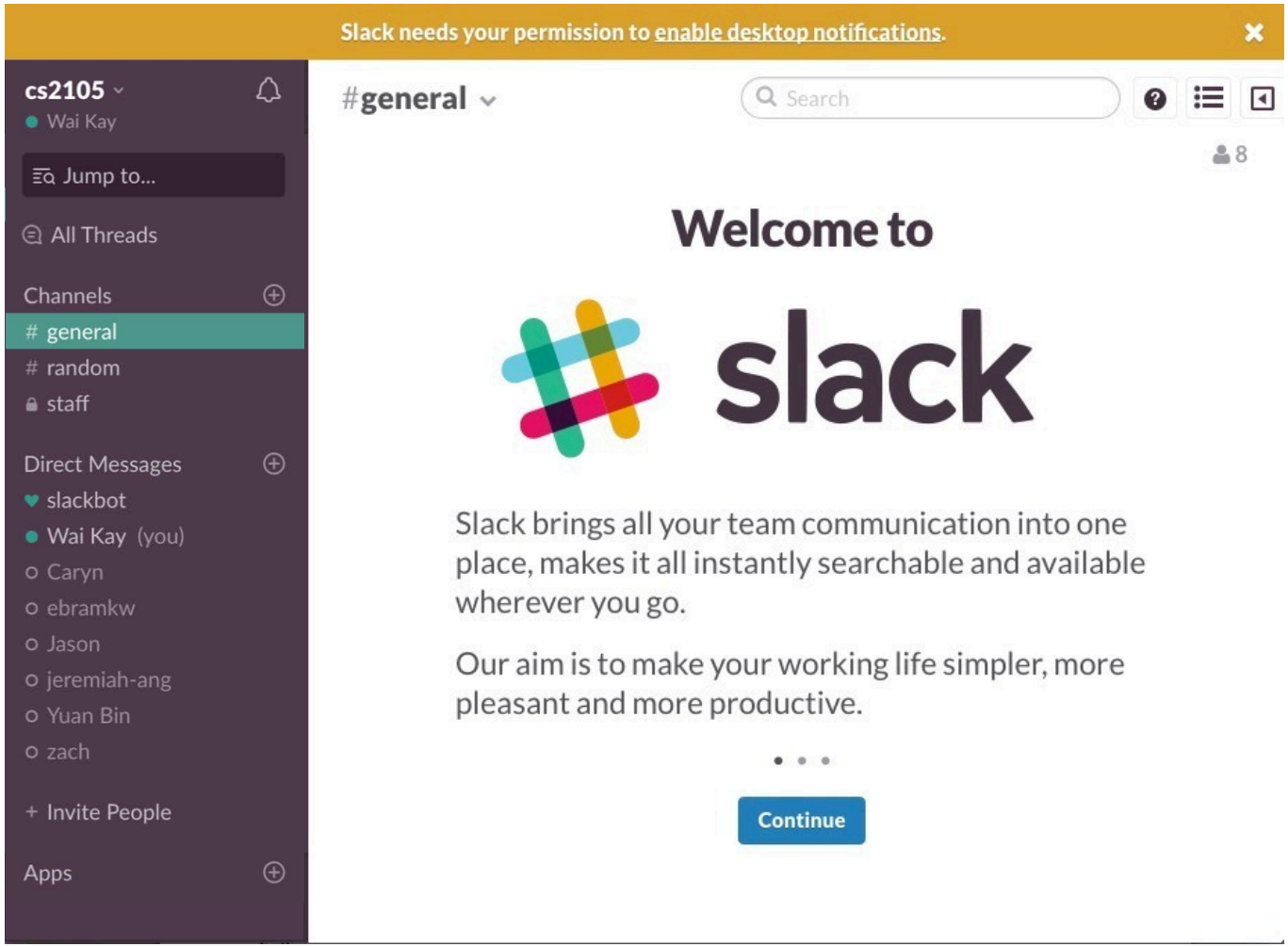


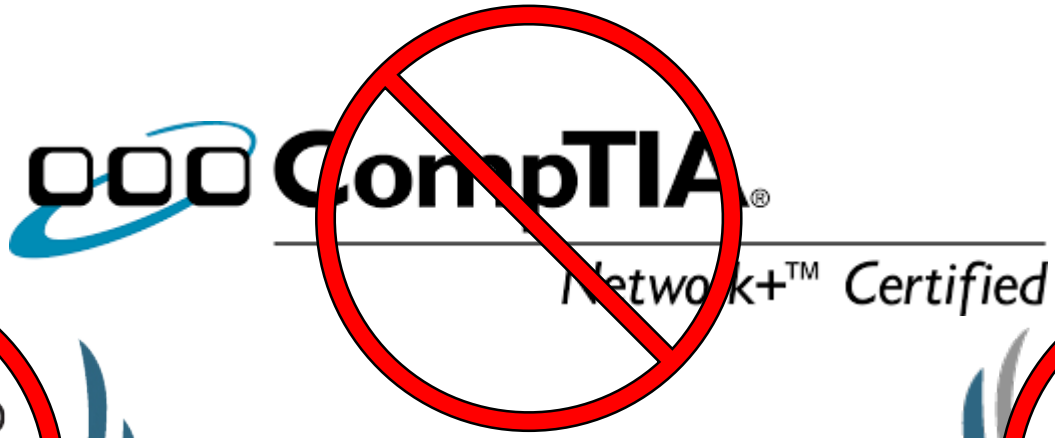
IVLE Forums


IVLE
National University of Singapore [SG] https://ivle.nus.edu.sg/v1/forum/student/list_forum.aspx?CourseID=e8ce9899-1d
ME
2015/2016 Semester 1, Week 1
Leong Wai Kay
2
Workspace / Modules : CS2105 (15/16 Sem 1) / Forums
You are in Preview Mode
Module
Overview
Consultation
Class & Groups
Tools
Announcement
Assessment
Chat Room
Files (Workbin)
Forum
Gradebook
Lesson Plan
Multimedia
Total 6 items
Forum Title | Posts | Topics | Replies | Opening Date | Expiry Date
Chapter 1 - Computer Networks and the Internet | 0 | 0 | 0 | 03-Aug-2015 12:00 AM | 05-Dec-2015 11:59 PM
Chapter 2 - Application Layer | 0 | 0 | 0 | 03-Aug-2015 12:00 AM | 05-Dec-2015 11:59 PM
Chapter 3 - Transport Layer | 0 | 0 | 0 | 03-Aug-2015 12:00 AM | 05-Dec-2015 11:59 PM
Chapter 4 - Network Layer | 0 | 0 | 0 | 03-Aug-2015 12:00 AM | 05-Dec-2015 11:59 PM
Chapter 5 - Link Layer | 0 | 0 | 0 | 03-Aug-2015 12:00 AM | 05-Dec-2015 11:59 PM
General or Admin matters | 0 | 0 | 0 | 24-Jun-2015 12:00 AM | 05-Dec-2015 11:59 PM
Inactive modules and tools are highlighted in pink. Students will not be able to access these modules and tools.

cs2105.slack.com

- Auto-signup with @u.nus.edu





What to expect?

What you will NOT learn in CS2105

- How to configure hardware
  - Covered in CS3103 Computer Networks Practice. Hands on experiments in subnetting, DHCP, DNS, RIP, OSPF, TCP handshake and congestion mechanism
- Mobile and wireless networks
  - Covered in CS4222 Wireless Networking

What you WILL learn in CS2105

- Principles and Concepts of Computer Networking
- Introduction to Network Application Programming

CS2105 can be EASY

- You are familiar with the system (Internet)
- Very little math
- Concepts are intuitive and based on practical design considersations

CS2105 can be HARD

- Many concepts are covered
- Socket Programming!

Assignment 0

Due on Fri, 31 Aug, 23:59

Test on `sunfire`

Submit on IVLE