

## 214574 Practical Workshop in IT (1 credit)

1<sup>st</sup> semester 2003 (October – November)

### Instructor Information

Instructors: Asst. Prof. Dr. Anan Phonphoem  
Office: Building 1, Room # 1504  
Office Hours: Monday 14:00 – 16:00 or by appointment  
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Email: [anan@cpe.ku.ac.th](mailto:anan@cpe.ku.ac.th)  
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### Course Information

Class Time: Tu 18:20 – 21:00  
Computer Network Laboratory (M22)  
Multimedia Center 2<sup>nd</sup> Floor, Office of Computer Services  
Class URL: <http://www.cpe.ku.ac.th/~anan/courses/courses.htm#214574/>  
Prerequisite:  
Course Description: This course will mostly concern in the laboratory experiments (Hand-on) on topics covered in Data Communications and computer networks. The topics are LAN Cabling, Local Area Network Setup, Data Packet Analysis, WLAN, and Basic Router Configuration.  
Course Objective: Students experience in the hand-on and laboratory experiments on Computer Communication and Network topics.  
Text Book: Instructor slide (Data communication Textbook and Computer Network Textbook).  
Supplement: CCNA course material from Cisco

### Grades

Lab Attendance: 10 %  
Lab Assignments: 20 %  
Weekly Online Exam: 35 %  
Practical Final Exam: 35 %

### Grading Policy

- Your Grade is based on the overall class performance
- The cumulative score < 60% = "F"
- An "F" grade will be given to any form of cheating (for all partners)
- If you miss more than 2 classes, you are not allowed to take the practical exams
- More than 15 min. late is considered as a missing class
- You are not allowed to take the exam (or quiz) if > 15 min late
- Make-up exam will only be provided only for restrict circumstances (severe illness).

### Assignment Policy

- All Assignments must be handed in at the beginning of the class period (> 15 min. is considered late)
- No Late assignment will be graded
- No credit for copying assignment (all copies) and considered as cheating tendency

### Tentative Course Schedule

Week	Description	Online Exam
1	Cabling Lab	Register to CCNA-Web Pretest Exam
2	LAN setup	Sem1 – Chapter 1, 2
3	Traffic Analysis 1	Sem1 – Chapter 3, 4, 5
4	Client – Server Applications & Traffic Analysis	Sem1 – Chapter 6, 7
5	Wireless Local Area Network Lab	Sem1 – Chapter 8, 9
6	Basic Router Startup	Sem1 – Chapter 10, 11
7	Basic Router Configuration and CLI	Sem1 – Chapter 12 – 15
8	Practical Final Exam	Sem1 – Final Exam