



# **Course Syllabus for Mobile Communications**

**Dept. of Mobile Systems Engineering  
Dankook University**

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**Suhan Choi**

- In this course, students will learn **introduction to wireless and mobile communication systems**.
- This course, **Mobile Communications** is the one of communication-related courses in the dept. of MSE. **Computer Networks** is scheduled in the spring semester.
- The following topics will be discussed in this course:
  - Overview of wireless cellular networks,
  - Mobile Radio Propagation,
  - Channel Coding and Error Control,
  - Multiple Radio Access and Protocols,
  - Multiple Division Techniques for Traffic Channels,
  - Modulation Techniques (Optional)

- This course is related to the following courses.
  - Computer Networks
  - Probability and Statistics
  - Multimedia Signal Processing
  - Latest Mobile System Technologies 1 & 2

Week	Topics
1	Overview of wireless cellular networks
2	
3	
4	Mobile Radio Propagation
5	
6	Channel Coding and Error Control
7	
8	Midterm Exam

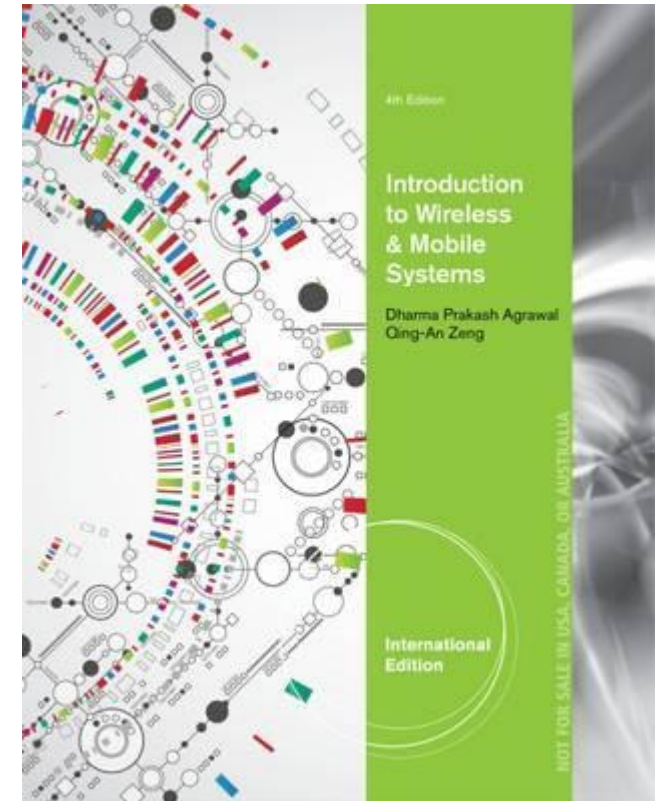
Week	Topics
9	Multiple Radio Access and Protocols
10	
11	Multiple Access
12	
13	Modulation (Optional)
14	
15	Final Exam

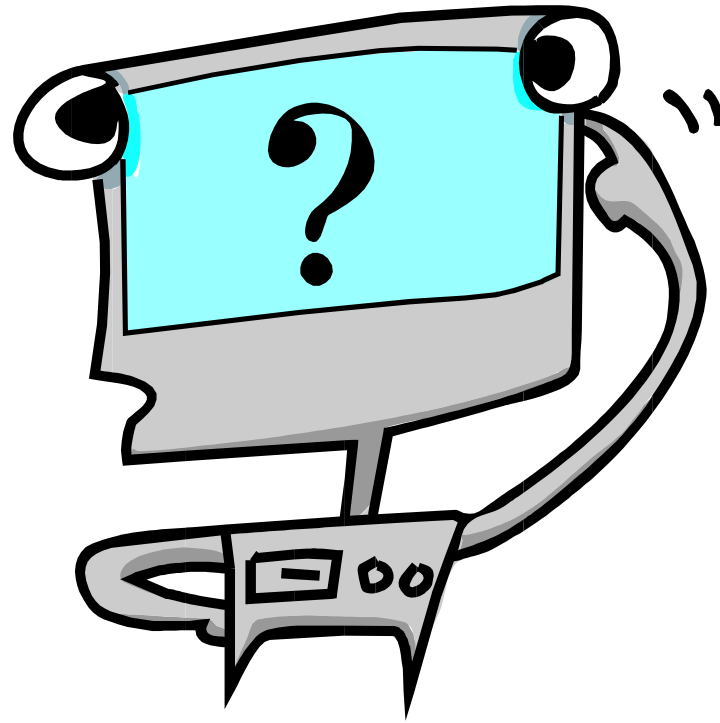
Item	Percentage
Final Exam	45%
Midterm Exam	45%
Homework	0%
Attendance	10%
Etc. (Attitude)	0%
Total	100%

Grade	Percentage
A+ & A	Max. 30%
B+ ~ F	Max. 70%
Total	100%

\* Grade percentage is subject to change according to the general guideline of DKU.

- Textbook
  - Title: **Introduction to Wireless & Mobile Systems (4<sup>th</sup> Ed.)**
  - Authors: Dharma Prakash Agrawal, Qing-An Zeng
  - Publisher: CENGAGE Learning
  - International Edition이 있음.
  - ISBN-13: 9781305259621(1305259629)





**Thank You !**

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