

Institute of Telecommunications Management
National Cheng Kung University
Draft Detailed Schedule of IoT Applications and Security 2017

106.02.20

0Week	Date	Content & Hands-on activity		Discussion and Presentations
1	02/21	Warm up: Introduce of the course (Design and Requirements) Sorry for a meeting in Taipei for discussion the design of this course at the same time. Any question, please come to R62107 at 12:10 P.M. 2/22 or send me an email kuangchi@mail.ncku.edu.tw		Enroll 全國資安大會 https://cyber.ithome.com.tw/2017/index
2	02/28	No class		
3	03/7	Lecture: Review of TCP/IP of communication basic	From switching to routing	
4	03/14	Attending “全國資安大會”		This security summit is located in Taipei and will cover some transportation fee
5	03/21	IoT overview I		
6	03/28	IoT overview II		
7	04/04	No class		
8	04/11	Security basic I	Hands-on: Wireshark/Ethereal	Paper Presentation
9	04/18	Security basic II	Hands-on: inSSIDer	Paper Presentation
10	04/25	Speech: IoT and smart city		Paper Presentation
11	05/02	Visiting smart city in Tainan		
12	05/09	Speech: IoT applications and security in health		Paper Presentation
13	05/16	Speech: IoT Communication		Paper Presentation
14	05/23	Speech: IoT applications and security in transportation		Paper Presentation
15	05/30	Speech: IoT applications and security in smart home		Paper Presentation
16	06/06	Speech: IoT and privacy		Paper presentation
17	06/13	Final project presentation		
18	06/20	Final exam		

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1. No formal textbook but PPT, papers are main teaching material

2. Grade: Participation 20%, Paper Presentation 20% Final exam 30%, and Project 30%
3. Lecture, speech and visiting will be the main teaching style. Welcome your own opinions. Different ideas would be highly encouraged
4. Welcome your feedback of this course to make it full of fun
5. Upload PPT file of paper presentation one week before your assigning presentation week
6. It depends on how many students enroll this course to decide how to group students
7. Teaching material would be uploaded in moodle teaching platform. The password will be IoT_as_17
8. Hands-on: it would be a group homework, bring the screen-shot for further discussion.