

Assessment and subject description

Óbuda University		Kandó Kálmán Faculty of Electrical Engineering		Institute of Communication Engineering	
Subject name and code: Operating and safety of informatic systems				Credits: 6	
KHTIR11ANC					
Full-time, Autumn Semester					
Course: Electrical Engineer					
Responsible:	Dr. Beinschróth József	Teaching staff:	Dombora Sándor		
Prerequisites:	Infocommunication networks II. KHTIH21ANC				
Contact hours per week:	Lecture: 4	Class discussion: -	Lab hours: -	Tutorial: -	
Assessment and evaluation:	written examination				

Subject description

Aims: Understanding basic IT operating and security theorem

Topics to be covered:

Topics	Week	Lessons
Basic Concepts Elements, security problems of IT	1.	4
International and national recommendations and regulations	2.	4
Threats of IT systems I.	3.	4
Threats of IT systems II.	4.	4
Protection of IT systems	5.	4
Consultation/Intermediate exam	6.	4
Break	7.	4
Planning and controlling of IT security	8.	4
IT security audit	9.	4
Business Continuity	10.	4
IT as a service International standards for IT operating	11.	4
Break	12.	4
Consultation/Intermediate exam/Student presentation	13.	4
Consultation/Supplem. Intermediate exam/Student presentation	14.	4

Requirements during semester

To gain signature:

1. Two intermediate examination during semester (One supplementary examination allowed.)
2. 15 minutes student presentation agreed with the professor

	Time	Duration	Max. reachable points	Topics
1-st intermediate exam	15. okt.	90 minutes	10	Topics of 1-5 week
2-nd. ntermediate exam	3. dec.	90 minutes	10	Topics of 7-12 week
Supplementary exam	10. dec.	90 minutes	10	Topics of exam failed

Method of supplementation:

Supplementary examination in the end of semester. Signature should be gained during semester, presentation can't be supplemented .

Method of examination

Written examination. One can take part on the examination if he/she has signature.

Max. points is 10. The duration of examination is max. 120 minutes.

Grades can be seen in the spreadsheet below:

Percent	Grade
85 - 100	excellent (5)
70 - 84	good (4)
55 - 69	satisfactory (3)
40 - 54	pass (2)
0 - 39	fail (1)

Other rules: Usage of printed and electronic material and equipment (notebook, smart phone/watch...) isn't allowed during examination.

Literature**Compulsary:**

Dr. Beinschróth József: Operating and security of IT systems (teaching material, 7 parts presentation)

Suggested:

Andrew S. Tanenbaum: Számítógép hálózatok, Panem Könyvkiadó

Dr. Kovács Oszkár: Multimédia kommunikáció IP környezetben, Logonex, 2012

Kónya László: Számítógép-hálózatok, LSI Oktatóközpont

Other teaching materials: -

Dr. Beinschróth József