

## Assessment and subject description

<b>Obuda University</b> Kandó Kálmán Faculty of Electrical Engineering		Institute of Communication Engineering		
Subject name and code: <b>Data and information security</b> KHTSV54TND Credits: 2				
Full-time, Spring Semester				
Course: normal				
Responsible:	Dr. Beinschróth József University docent	Teaching staff:	Dombora Sándor Lecturer	
Prerequisites:	-			
Contact hours per week:2	Lecture:2	Class discussion:0	Lab hours:0	Tutorial:0
Assessment and evaluation:	Written examination			
<b>Subject description</b>				
<i>Aims: To realise theoretical knowledge regarding information security threats, protection of information security assets, planning of IT security and business continuity.</i>				
<i>Topics to be covered:</i>				
<b>Topics</b>			<b>Week</b>	<b>Lessons</b>
Basic concepts.IT security problems			1	2
Hungarian and international recommendations and regulations			2	2
Threatness of IT systems I.			3	2
Threatness of IT systems II.			4	2
Protection of IT systems I.			5	2
Protection of IT systems II.			6	2
<b>Consultation/Intermediate exam/Student presentation</b>			7	2
Planning of IT security			8	2
IT security audit			9	2
<b>Dean's break</b>			10	2
Business Continuity I.			11	2
Business Continuity II.			12	2
<b>Consultation/Intermediate exam/Student presentation</b>			13	2
<b>Consultation/Supplementary. Intermediate exam/Student presentation</b>			14	2
<b>Assessment and evaluation:</b>				
1. Two 30 minutes intermediate written examination during semester (One supplementary examination allowed.). 1 <sup>st</sup> examination topics: basic concepts, recommendations and regulations, threatness of IT systems, protection of IT systems 2 <sup>nd</sup> examination topics: Planning and audit of IT security, business continuity				
2. Mandatory 10 minutes student presentation agreed with the professor – preparation from required material, schedule and topic planning 2 <sup>nd</sup> week				
3. The final mark consist of (1 <sup>st</sup> exam result + 2 <sup>nd</sup> exam result + presentation)/3.				
4. Students should achieve at least 40% in each intermediate exam				

**Examination:**

Written examination covering the mentioned topics.

Marking of the exam results:

1. result < 40%
2. 40 % <= result < 55%
3. 55 % <= result < 70%
4. 70 % <= result < 85%
5. 85 % <= result < 100%

**Required material:**

**ISACA: Cobit 5 (freely downloadable from [isaca.com](http://isaca.com) – requires registration)**

**ENISA: [https://www.enisa.europa.eu/publications/privacy-and-data-protection-by-design/at\\_download/fullReport](https://www.enisa.europa.eu/publications/privacy-and-data-protection-by-design/at_download/fullReport)**

**Official Journal of European Union: REGULATION (EU) 2016/679 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL, [http://ec.europa.eu/justice/data-protection/reform/files/regulation\\_oj\\_en.pdf](http://ec.europa.eu/justice/data-protection/reform/files/regulation_oj_en.pdf)**

**Suggested material: ISO 27000 standard**