Óbuda University John von Neumann Faculty of Informatics	Institute of Software Engineering	
Name and code: Current Results in the Areas of IT Engineering (NAIMIDSVND)		**Credits:** 2
Computer Science BSc	*Daytime 2021/22 year I. semester*	

Subject lecturers: Dr. habil. Tick József				
Prerequisites: (with code)				
Weekly hours:	Lecture: 1	Seminar: 0	Lab. hours: 0	Consultation: 0
Way of assessment:	Signature			

Course description

Goal: Students will learn the current results in computer science – Cyber Security.

Course description: Introduction, Security Goals, Security Incidents and Vulnerabilities, Concepts in IT Security, Security Risk Management, Attacks in Communication, Attacks in TCP/IP Networks, Attacks on Systems.

Lecture schedule

Education week	Topic
1	*Break*
2	*Break*
3	Lectures in concentrated form (in blocks) The participation is precondition of the signature!
4	*Break*
5	Midterm test
6	*Break*
7	Make-up test
8	*Break*
9	*Break*
10	*Break*
11	*Break*
12	*Break*
13	*Break*
14	*Break*

Midterm requirements

Participation on the Lecture is necessary.

Preconditions of signature is based on the results of a written assesment in the 5th week. Students must reach at least 50% on the written assessment otherwise students can have a make up test in the 7th week of the semester. Preconditions of signature based on test results:

50% or more => signature (aláírás) or below 50% => disabled (letiltva)

Midterm Test Scheduling

Education week	Topic
5	Midterm test
7	Make-up test (if necessary)

Midterm grade calculation methods

Method of replacement

Type of exam

Exam grade calculation methods

References

Obligatory:

Teaching material in the Moodle system.

Recommended:

Others: