ÓBUDA UNIVERSITY	AREK
	Székesfehérvár

Course name and code: Digital Techniques
KRKDT11ANC;   Credits: 2

Full time   *2013/14 School Year 1. Semester*

Departments in which the subject is taught: Electrical Engineering BSC
Information Technology BSC

Course Director:		Instructors:	Attila Sáfár

Study Pre-conditions:
(code)

Lessons per week:	Lectures: **2**	Classroom Practice: **0**	Labs: **0**	Consultation: **0**

Exam:	**Computer exam.**

Topics	Education Week	Lessons
1. Course descriptions, English language pretest.	1.	2
2. Digital techniques pretest.	2.	2
3. Overviewing examples and solutions.	3.	2
4. Understanding the concepts in English. Digital Signal Processing.	4.	2
5. Digital video, voice and data processing I.	5.	2
6. Digital video, voice and data processing II.	6.	2
7. Digital signals, coding systems, forms of transmission.	7.	2
8. DVB-C-H-S-T technologies.	8.	2
9. Student Presentations I.	9.	2
10. Student Presentations II.	10.	2
11. Digital technology-themed English-language film. Free band.	11.	2
12. Free band.	12.	2
13. Exam.	13.	2
14. Extra exam.	14.	2

The replacement method: one-time opportunity on 14th lecture week.

Requirements

The condition for exam:
  Exam written during the semester with a minimum sufficient level, and performing an English presentation.

Literature:

    Focal Press - Digital Television
    Focal Press - Understanding Digital Television

Székesfehérvár, 2013.06.11.

Sáfár Attila