Programming paradigms
Course Code: IVB339AN
Semester: Autumn 2019/2020

Course Syllabus
Time: L Thu 11:15-12:00
     P Thu 12:00-13:30
Location: PTE MIK,A-214

General Information:

Name of Course:	**PROGRAMMING PARADIGMS**
Course Code:	**IVB339AN**
Semester:	**5**
Number of Credit:	4
Allotment of Hours per Week:	1 lecture, 2 labors per week
Evaluation:	**Term grade**
Prerequisites:	**-**
Course responsible:	**P**rof. Dr. Péter IVÁNYI
Instructors:	Péter NOVÁK, Technical Supporting Staff
	Office: 7624 Pécs, Boszorkány u. 2. - B141
	E-mail: novak.peter@mik.pte.hu

Introduction, Learning outcomes:
On completion of the course, the student will be able to write 64 bit programs in Assembly language. Furthermore, the student will confidently use the necessary development tools and will understand the relations of Assembly language with the hardware, high-level languages and operating systems.

The objectives of this course:
Mnemonics of Assembly, control structures, stack and its usage, functions, connection with C programs. Practical use of assembler, linker and debugger programs.

Methodology:
Discussion of theoretical foundations with the help of presentations. Guided and autonomous practice of programming in Assembly language. Instructed usage of development tools (assembler, linker, debugger).

Attendance:
Attending at least 70% of all classes is required. Attendance will not impact the grade. Absence from more than 30% of classroom lectures/practices will conclude to failing the subject without any further conditions. In case of illness, family emergency or any other valid excuse, the student must present proof, such as a doctor's note.

Evaluation and grading:

Name	Required to pass	Weight
1st Midterm Theory	50%	20%
1st Midterm Practice	50%	20%
2nd Midterm Theory	50%	25%
2nd Midterm Practice	50%	25%
Kahoot tests	-	10%

Two homework, optional, extra 10%
In order to get a grade at the end of the semester, the student must achieve at least 50% in each part of the two midterms. Opportunities to retake a failed exam: two occasions, in the examination term.

Grading scale:

Grade	5	4	3	2	1
Percentage	89%-100%	76%-88%	63%-75%	50%-62%	Below 50%

Required reading:
Lecture slides