

I064	<b>Contemporary topics in computer science</b>	L	P	S	ECTS 6
		2	2	1	

**Course objectives.** Introduce students with active and hot topics in the fast growing and dynamic area of computer science, that are not part of standard curriculum.

**Prerequisites.** Bachelor in Computer Science.

**Course content.**

Course content will be negotiated with the selected lecturer. Content have to be “hot”, not covered with standard curriculum and connected with the needs of labor market (i.e. IT industry in the area).

**LEARNING OUTCOMES**

No.	LEARNING OUTCOMES
1.	Learning outcomes will be defined with respect to the selected course content.

**RELATING THE LEARNING OUTCOMES, ORGANIZATION OF THE EDUCATIONAL PROCESS AND ASSESSMENT OF THE LEARNING OUTCOMES**

TEACHING ACTIVITY	ECTS	LEARNING OUTCOME **	STUDENT ACTIVITY*	EVALUATION METHOD	POINTS	
					min	max
Attending lectures and exercises	1	1	Lecture attendance, discussion, teams work, independent work on given tasks and short written exams	Attendance lists, tracking activities, closed form exercises	0	4
Homework assignments	1	1	Independent work on given problems	Evaluation	0	4
Written exam (Mid-terms)	2	1	Preparing for written exam	Evaluation	25	46
Final exam	2	1	Revision	Oral exam	25	46
<b>TOTAL</b>	<b>6</b>				<b>50</b>	<b>100</b>

**Teaching methods and student assessment.** Lectures and exercises are obligatory. The exam consists of a written and an oral part. Upon completion of the course, students can take the exam. Successful midterm exam scores replace the written exam. Exercises are both auditory and laboratory. Laboratory exercises include the usage of computers. Students can improve their grades by writing homework assignments and seminars.

**Can the course be taught in English:** Yes