DESCRIPTION OF A STUDY COURSE – SYLLABUS

Title of a course	Multimedia Systems				
Study programme	Professional undergraduate study Information Science				
Status of a course	Elective				
Year of study	2	Semester (Winter/Summer)	S	ECTS credits	5

Goals of a course

Analyse different multimedia systems and create multimedia tracks in selected software tools.

Conditions for enrolling course

No conditions

Learning outcomes on a level of a study programme which includes course

Outcome 4: Develop an application solution for the Internet and desktop environment.
Outcome 5: Apply website design and implementation methods.
Outcome 7: Design and produce digital multimedia materials needed in business systems.

Expected learning outcomes on a level of a course

1. Compare features of different types of data in a multimedia system
2. Discuss trends and future developments of multimedia systems
3. Interpret the basic principles of developing and building a multimedia system
4. Create a video
5. Create a promotional/informative graphic product
6. Create an animation

Content of a course

Processing signal for media integration. Multimedia interaction for human-machine interface. Multimedia communication and networking. Multimedia safety and content protection. Multimedia databases. Multimedia computer systems and tools. Hardware and program backup of multimedia systems. Multimedia systems' norms. Multimedia application. Quality of multimedia services.

Teaching modes	☒ lectures ☐ auditory exercises ☒ seminars and workshops ☐ distance learning ☐ field classes	☒ individual assignments ☐ multimedia and network ☐ laboratory ☐ supervisor's work ☐ other _____

Grading, evaluation and monitoring of students' work continuously during lectures and exams

Grading is based upon evaluation course's learning outcomes' adoption. Grading is performed continuously during lectures and/or during exam, in compliance with the provisions of Regulation on the assessment of students.