Course description

Department/Unit /	KI / PMUL			**Academic Year**	2012/2013
Title	Multimedia in Practice			**Type of completion**	Pre-Exam Credit
Accredited/Credits	No, 2 Cred.			**Type of completion**	Combined
Number of hours	Seminář 2 [HOD/TYD]				
Occ/max	Status A	Status B	Status C	**Course credit prior to**	NO
Summer semester	56 / -	3 / -	1 / -	**Counted into average**	NO
Winter semester	0 / -	0 / -	0 / -	**Min. (B+C) students**	not determined
Timetable	Yes			**Repeated registration**	NO
Language of instruction	Czech, English			**Semester taught**	Winter, Summer
Optional course	Yes			**Internship duration**	0
Evaluation scale	S|N				
No. of hours of on-premise					
Auto acc. of credit	No				
Periodicity	K				
Substituted course	None				
Preclusive courses	N/A				
Prerequisite courses	N/A				
Informally recommended courses	N/A				
Courses depending on this Course	N/A				

Course objectives:

This course is the follow-up course to the Multimedia course. In seminars students will create interactive computer applications to be delivered on the internet, CD-ROM or other delivery mediums using the elements of text, graphics, animation, sound, video and digital imaging.

Requirements on student

Content

1. Vector graphic practice
2. Bitmap graphic practice
3. Audio record practice
4. Video record practice
5. Presentation creating
6. Multimedia transfer in network

Prerequisites - other information about course preconditions

Předpokládaná znalost obsahu kurzu KI/MUL.

Competences acquired

Fields of study

Guarantors and lecturers

- **Guarantors:** RNDr. Jan Krejčí, Ph.D. (100%)
- **Seminar lecturer:** RNDr. Jan Krejčí, Ph.D. (100%)

Literature

- **Basic:** Vlček K. *Komprese a kódová zabezpečení v multimediálních komunikacích*. BEN-Technická literatura, Praha, 1999.
- **Basic:** Tatipamula M. *Multimedia Communications Networks: Technologies and Services*. Artech House, London, 1998.
- **Basic:** Mueller, S. *Osobní počítač - hardware, upgrade, opravy*. Computer Press, Praha, 2003.
- **Extending:** BRDIČKA, B. *Učení s počítačem*. PřF UK, Praha, 1996.

Teaching methods

Assessment methods

Course is included in study programmes:

Study Programme	Type of	Form of	Branch	Stage	St. plan v.	Year	Block	Status	R.year	R.
Applied Informatics	Bachelor	Full-time	Information Systems	1	A12	2012	Povinné předměty	A	1	LS
Applied Informatics	Bachelor	Full-time	Information Systems	1	A8	2012	Povinné předměty	A	1	LS
Applied Informatics	Bachelor	Full-time	Information Systems	1	A11	2012	Povinné předměty	A	1	LS
Geography	Bachelor	Full-time	Information Sciences (double subject)	1	A10	2012	Povinně volitelné předměty	B	2	LS
Chemistry	Bachelor	Full-time	Informatics	1	A10	2012	Povinně volitelné předměty	B	2	LS
Chemistry	Bachelor	Full-time	Informatics Focused on Education	1	A10	2012	Povinně volitelné předměty	B	2	LS
Informatics	Bachelor	Full-time	Informatics Focused on Education	1	A10	2012	Povinně volitelné předměty	B	2	LS
Informatics	Bachelor	Full-time	Information Sciences (double subject)	1	A10	2012	Povinně volitelné předměty	B	2	LS
Mathematics	Bachelor	Full-time	Informatics focused on Education	1	A10	2012	Povinně volitelné předměty	B	2	LS
Mathematics	Bachelor	Full-time	Information Sciences (double subject)	1	A10	2012	Povinně volitelné předměty	B	2	LS
Physics	Bachelor	Full-time	Informatics	1	A10	2012	Povinně volitelné předměty	B	2	LS
Physics	Bachelor	Full-time	Informatics focused on Education	1	A10	2012	Povinně volitelné předměty	B	2	LS