Course description

Course name:	Algorithmic and Graphical Techniques			
Academic Year:	2023/2024		**Printed:**	01.06.2024 12:08

Department/Unit /	KIV / AGT			**Academic Year**	2023/2024	
Title	Algorithmic and Graphical Techniques			**Type of completion**	State Final Exam	
Accredited/Credits	Yes, 0 Cred.			**Type of completion**	Oral	
Number of hours						
Occ/max	Status A	Status B	Status C	**Course credit prior to**	NO	
Summer semester	0 / -	0 / -	0 / -	**Counted into average**	YES	
Winter semester	0 / -	0 / -	0 / -	**Min. (B+C) students**	1	
Timetable	Yes			**Repeated registration**	NO	
Language of instruction	Czech			**Semester taught**	Summer semester	
Optional course	Yes			**Internship duration**	0	
Evaluation scale	1|2|3|4					
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:

The objective is to verify that the student has successfully completed the subject studied, he/she can actively use modern methods and tools.

Requirements on student

Students must successfully complete all courses of the study program. Topics of the exam are announced by the Department of Computer Science every year.

Content

State Final Exam

Fields of study

Guarantors and lecturers

- **Guarantors:** Prof. Dr. Ing. Ivana Kolingerová (100%)
- **Tutorial lecturer:** Prof. Dr. Ing. Ivana Kolingerová (100%)

Literature

assessment methods

Knowledge - knowledge achieved by taking this course are verified by the following means:

Oral exam

Skills - skills achieved by taking this course are verified by the following means:
Oral exam

Competences - competence achieved by taking this course are verified by the following means:
Oral exam

prerequisite

Knowledge - students are expected to possess the following knowledge before the course commences to finish it successfully:
splnit všechny předměty dané studijním plánem

Skills - students are expected to possess the following skills before the course commences to finish it successfully:
zpracovat kvalifikační práci

Competences - students are expected to possess the following competences before the course commences to finish it successfully:
N/A

teaching methods

Knowledge - the following training methods are used to achieve the required knowledge:
Self-study of literature

Skills - the following training methods are used to achieve the required skills:
Self-study of literature

Competences - the following training methods are used to achieve the required competences:
Self-study of literature

learning outcomes

Knowledge - knowledge resulting from the course:
znalosti algoritmů a technik z některé z doplňkových oblastí počítačové grafiky nebo dalších profilových oblastí informatiky, jako jsou operační systémy, paralelní programování a umělá inteligence

Skills - skills resulting from the course:
používat algoritmy a techniky z pokročilých oblastí počítačové grafiky

Competences - competences resulting from the course:
N/A

Course is included in study programmes:

Study Programme	Type of	Form of	Branch	Stage	St. plan v.	Year	Block	Status	R.year	R.
Computer Science and Engineering	Postgraduate Master	Full-time	Computer Graphics	1	2018	2023	Státnicové předměty a obhajoba diplomové práce	A	2	LS