

# Course description

<b>Course abbreviation:</b>	KIV/AGT	<b>Page:</b>	1 / 2
<b>Course name:</b>	Algorithmic and Graphical Techniques		
<b>Academic Year:</b>	2023/2024	<b>Printed:</b>	01.07.2025 01:01

<b>Department/Unit /</b>	KIV / AGT			<b>Academic Year</b>	2023/2024
<b>Title</b>	Algorithmic and Graphical Techniques			<b>Type of completion</b>	State Final Exam
<b>Accredited/Credits</b>	Yes, 0 Cred.			<b>Type of completion</b>	Oral
<b>Number of hours</b>				<b>Course credit prior to</b>	No
<b>Occ/max</b>	Status A	Status B	Status C	<b>Counted into average</b>	YES
<b>Summer semester</b>	0 / -	0 / -	0 / -	<b>Min. (B+C) students</b>	1
<b>Winter semester</b>	0 / -	0 / -	0 / -	<b>Repeated registration</b>	NO
<b>Timetable</b>	Yes			<b>Semester taught</b>	Summer semester
<b>Language of instruction</b>	Czech			<b>Internship duration</b>	0
<b>Optional course</b>	Yes				
<b>Evaluation scale</b>	1 2 3 4				
<b>No. of hours of on-premise</b>					
<b>Auto acc. of credit</b>	No				
<b>Periodicity</b>	every year				
<b>Specification periodicity</b>					
<b>Substituted course</b>	None				
<b>Preclusive courses</b>	N/A				
<b>Prerequisite courses</b>	N/A				
<b>Informally recommended courses</b>	N/A				
<b>Courses depending on this Course</b>	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