Information systems and technologies
(course title)

COURSE SYLLABUS ABSTRACT

1-40 05 01 Information systems and technologies (majors in)
(speciality code and name)

1-40 05 01-01 Information systems and technologies (in designing and producing)
(specialisation code and name)

	STUDY MODE		
	full-time	part-time	part-time (shortened program)
Year	2	1	1
Semester	3	2	2
Lectures, hours	34	8	8
Practical classes (seminars), hours	34	8	8
In-class test (semester, hours)		2 semester (2 hour)	2 semester (2 hour)
Exam, semester	3	2	2
Contact hours (including hours for controlled independent work)	68 (6)	18	18
Independent study, hours	52	102	102
Total course duration in hours / credit units	120/3		

1. Course outline
Tabular processors. Programming in a table processor environment. Methods of calculation. Mathematical Software Packages.

2. Course learning outcomes
Upon completion of the course, students will be expected to
know**:**
mathematical methods for solving design and technological problems; tools of basic software packages used in solving design and technological problems;
be able to**:**
perform calculations in the environment of basic software packages used in solving design and technological problems; document calculations in the environment of basic software packages used in solving design and technological problems;
possess:
skills in the environment of basic software packages used in solving design and technological problems.

3. Competencies
SK-2 – To apply informational technologies in machine building manufacturing.

4. Requirements and forms of midcourse evaluation and summative assessment
– verbal-written: protection of practical classes, report , exam.