

Information technology in design and production
(course title)

COURSE SYLLABUS ABSTRACT

6-05-0611-01 Information systems and technologies
(speciality code and name)

Profiling Information systems and technologies in designing and producing

	STUDY MODE
	full-time
Year	2
Semester	3, 4
Lectures, hours	50
Practical classes (seminars), hours	32
Pass/fail, semester	3, 4
Contact hours	82
Independent study, hours	206
Total course duration in hours / credit units	288/8

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;

have a skill:

skills in the environment of basic software packages used in solving design and technological problems.

3. Emerging competencies

– To apply informational technologies in machine building manufacturing.

4. Requirements and forms of current and interim certification

– verbal-written: protection of completed tasks, test.