INTRODUCTORY PRACTICAL TRAINING
(course title)

COURSE SYLLABUS ABSTRACT
of higher education institution
speciality

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	1	2	
Semester	2	4	
Pass/fail, semester	2	4	
Independent study, hours	108	108	
Total course duration in hours / credit units	108/3		

1. Course outline

The goal of the introductory practical training is preparation of base for best assimilation of subjects «The base of design automation», «Processing equipment programming», «Informational systems and technologies», «Computer systems of finite element calculations», «Computer modeling of hydrodynamic and thermal processes», «Automation of design of processing equipment mechanisms», « Automation of engineering management» in future; the broadening of knowledge of future speciality; acquisition of practical skills for education in university in future.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

- common principles of computer structure;
- the base of management of computer;
- the base of work with one of the applied program packages.

be able to:

- make use of technical and referral literature.

possess:

- the basic methods, ways and means of acquisition, storing, processing of information with use of computer engineering.

3. Competencies

UK-5 – To possess of skills of self-development and enhancement in professional activity;

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

4. Requirements and forms of midcourse evaluation and summative assessment

verbal-written: differentiated test.