Process equipment design
(course title)

COURSE SYLLABUS ABSTRACT

1-36 01 03 – Machine-building process equipment
(speciality code and name)

	STUDY MODE
	full-time
Year	2
Semester	3
Lectures, hours	34
Practical classes (seminars), hours	16
Pass/fail, semester	3
Contact hours (including hours for controlled independent work)	50 (6)
Independent study, hours	58
Total course duration in hours / credit units	108/3

1. Course outline

Corporate identity, its main elements and media. Theoretical concepts of design. Industrial design. Methods and means. Composition theory. Color theory. Ergonomics in Design Design.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know**:** basics of work in modern computer-aided design systems; know the basics of diagnostics of technological systems, diagnostic methods;

be able to**:** apply the acquired knowledge on industrial design based on own design solutions or borrowed ones; apply modern modeling methods, use industrial design elements;

possess: modern skills on PC and other computer equipment; modern design systems; latest developments in industrial design.

3. Competencies

SK-6 – Be able to design machining processes on machines by selecting universal machines or forming a task to create a special machine, selecting or designing cutting tools, assigning a machining mode, lubricating and cooling means and other cutting conditions

4. Requirements and forms of midcourse evaluation and summative assessment

– verbal-written: protection of practical classes, test.