

externship

(course title)

COURSE SYLLABUS ABSTRACT

1-36 01 03 – Machine-building process equipment

(speciality code and name)

	STUDY MODE
	full-time
Year	4
Semester	8
Total course duration in hours / credit units	162/5

1. Course outline

The main goal and the most important task of pre-diploma practice is to collect and study the initial materials for diploma design at the sites of real production and operation of metal cutting machines and tool systems.

The goal of the pre-diploma practice is to specify the topic of diploma design based on real developments and production facilities as a result of deeper study of the questions posed by students, as well as to obtain practical skills in the design, manufacture and study of metal-cutting machines and tool systems in production conditions.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know: the process of manufacturing a tool or part from a machine to investigate the possibilities of its improvement; the process of assembling the machine or its components under detailed development;

be able to: design a machine that provides the necessary characteristics of the machined part;

possess: skills in developing manufacturing processes for a tool or part.

3. Competencies

SK-16 – Search, systematize and analyze information on promising areas of technological equipment development, innovative technologies, projects and solutions.

4. Requirements and forms of midcourse evaluation and summative assessment

verbal-written: differentiated test.