PYTHON PROGRAMMING BASICS
(course title)

COURSE SYLLABUS ABSTRACT

6-05-0311-02 Economics and management
(speciality code and name)

Economics and management at enterprises of industry, trade and transport
(concentration)

	STUDY MODE	
	full-time	part-time (shortened program)
Year	**1**	**1**
Semester	2	2
Lectures, hours	16	4
Laboratory classes, hours	34	8
Pass/fail, semester	2	2
Contact hours	50	12
Independent study, hours	94	132
Total course duration in hours / credit units	144/4	

1. Course outline

The purpose of mastering the discipline "Fundamentals of programming in the Python language" - to teach students to apply basic skills in the Python programming language to solve problems arising in practice.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know: the main features and problems of modern software projects; methodical bases of creation of modern software systems; requirements for modern technologies of software creation.

be able to: analyse, test and debug algorithms; write programs in Python language, using the passed functions and libraries; use the basic constructions of high-level languages; implement the developed algorithms in the form of own program in high-level language; apply the developed programs in professional activity.

have the skill: modern programming tools; methods and tools for creating software; skills of independent development, debugging, testing and documentation of the programme.

3. Competencies

SK-17 Apply modern programming languages, digital libraries and collections, libraries and software packages, modern information technologies

4. Requirements and forms of midcourse evaluation and summative assessment - credit