

"Modern Programming Systems"

(name of the discipline)

OUTLINE

TO THE SYLLABUS OF THE INSTITUTION OF HIGHER EDUCATION

Specialty 1-53 01 02 Automated Systems of Information Processing

	Form of training	
	Full-time	Correspondence
Course	3	3
Semester	6	5
Lectures, hours	32	8
Laboratory hours	32	8
Auditory control work		6
Test, semester	6	5
Classroom hours in the educational discipline	64	16
Independent work, hours	44	92
Total hours / credit units	108/3	

1. Summary of the contents of the study discipline

Acquisition of the special knowledge, skills and abilities necessary for information technologies engineer in the design of automated systems.

2. Learning objectives

As a result of studying the academic discipline, the student should

know:

- modern conceptual, theoretical and applied aspects of ASOIU design and software system development methods;
- applied software in corporate data processing systems;
- the main trends in modern programming;
- opportunities and techniques for programming in the environment .NET on different platforms
- modern programming environments for different types of programming;
- Methods and tools of quality control of software

be able to:

- use modern software development tools at a professional level;
- create applications based on modern .NET platforms.

to master:

- skills of working with tools of industrial development of software systems

3. Competencies to be formed

AK-1, PK-3, PK-6, PK-7, AK-11, PK-3, PK-5, PK-6.

4. Requirements and forms of current and intermediate attestation.

REM, TA, PCU, CD, exam.