

# "COMPONENT PROGRAMMING TECHNOLOGIES"

(name of the discipline)

## OUTLINE

### TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

specialty 7-06-0612-03 system information management

	Form of higher education	
	Full-time	Correspondence
Course	2	2
Semester	3	4
Lectures, hours	34	8
Laboratory hours	34	8
Exam, semester	3	4
Classroom hours in the educational discipline	68	68
Independent work, semester hours	40	40
Total hours in the discipline / credit units	108/3	

#### 1. Brief content of the academic discipline

The purpose of teaching the discipline is to teach students the basics of modular and component programming using modern tools and technologies.

#### 2 Learning objectives

As a result of studying the discipline the student should know:

- principles of software development on the basis of modular and component approach;
- possibilities and methods of programming in the .NET environment;
- modern program development environments;

be able to:

- use technical and program means of information systems;
- apply an integrated approach to solving professional problems
- use modern software development tools;

have the skill:

- modern technologies of developing complex systems and software tools using off-the-shelf components.

#### 3. Formable competences

SK-6 Possess the skills of developing complex program systems with the use of independent components.

#### 4. requirements and forms of current and intermediate attestation.

Current - LRC, intermediate - exam.