"COMPONENT PROGRAMMING TECHNOLOGIES".

(name of the discipline)

OUTLINE

TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

Specialty 1-40 80 02 "System analysis, management and information processing" (by branches)
Professionalization: Information Control Systems
II level of higher education (master's degree)

	Form of training
	On-line
Course	**2**
Semester	**3**
Lectures, hours	**34**
Laboratory hours	**34**
Examination, Semester	**3**
Classroom hours in the educational discipline	**68**
Independent work, hours	**130**
Total hours / credit units	**198/6**

1.Summary of the content of the discipline
Teaching students the basics of modular and component programming, using modern tools and technologies.

2 Learning objectives
As a result of the study of the discipline the student must
know:
- Principles of software development based on the modular and component approach;
- The features and methods of programming in the .NET environment;
- Modern software development environments.

be able to:
- use technical and software tools of information systems;
- use a comprehensive approach to solving professional problems;
- use modern instrumental means of software development.

master:
- modern technologies for the development of complex systems and software tools using off-the-shelf components.

3. Formable competencies
SK-5

4.Requirements and forms of current and interim certification.
ZLR, TA, exam.