SCRIPTING PROGRAMMING LANGUAGES
(name of discipline)

ANNOTATION
TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION
Specialty 1-40 05 01 Information systems and technologies (by directions)

	Form of higher education		
	Full-time (daytime)	Correspondence abbreviated	Correspondence
Course	2	2	2
Semester	3	3	4
Lectures, hours	16	4	4
Laboratory classes, hours	34	8	6
Exam, semester	3	3	4
Classroom hours in the academic discipline	50	14	12
Auditor's control work		3 (2 hour)	4 (2 hour)
Independent work, hours	58	94	96
Total hours in the academic discipline / credits	108 / 3,0		

1. Summary of the content of the training discipline

The purpose of the discipline is to study the tools for creating applications of various levels of complexity provided by modern scripting languages, as well as gaining practical skills in using scripting languages.

2. Learning outcomes

As a result of the study of the discipline the student should:

know:

- basics of scripting programming languages ;
- basic principles of programming in these scripting languages;
- basic principles of modern scripted information processing;
- basic constructions of HTML and cascading style sheets;
- data types of scripting languages JavaScript , Python and PHP
- basic constructions and control structures of scripting languages JavaScript , Python and PHP .

be able to:

- use modern tools and environments to solve problems;
- work in the programming environment of the selected scripting language;
- implement the constructed algorithms in the form of programs in a specific programming language;
- create Web pages and sites.

mastery:

- the fundamentals of HTML and CSS ;
- basic syntax of scripting languages JavaScript , Python , PHP .
- skills in using modern programming technologies in scripting languages
- skills in developing information systems for solving applied problems.

3. Competencies to be formed

Mastering this academic discipline should provide the formation of the following competencies: BPK-12 develop and apply scripted scenarios for solving problems in the field of system application software

4. Requirements and forms of current and intermediate attestation.

Protection of laboratory works, intermediate control of progress, exam.