

MODERN TECHNOLOGIES OF WEB APPLICATION

ANNOTATION TO THE WORK PROGRAM OF THE DISCIPLINE

Direction of training 1-40 05 01 – Information systems and technologies (by direction)

Orientation (profile) Information systems and technologies (in design and production)

	Form of higher education		
	Full-time (full-time)	Correspondence	abbreviated
Course	3	3	2
Semester	5	6	3
Lectures, hours	16	4	4
Laboratory classes, hours	34	6	6
Classroom control work (semester, hours)		6 (2 ч.)	3 (2 ч.)
Exam, semester	5	6	3
Classroom hours in the academic discipline	50	12	12
Independent work, hours	58	96	96
Total hours / credits	108/3		

1 The purpose of the discipline

The purpose of teaching the discipline is to acquire special knowledge, skills and abilities necessary for a bachelor in information technology in the development of Web applications.

2. Planned results of studying the discipline

As a result of studying the discipline, the student must:

know:

- modern Web programming technologies;
- modern technologies for accessing Web pages;
- application software with which Internet applications are created;
- the mechanism of Internet applications.

be able to:

- use modern Web application development tools;

own:

- HTML, JavaScript, and CSS languages;
- Web application development methods;
- methods and means of development and registration of technical documentation.

3. Requirements for mastering the academic discipline

The development of this academic discipline should ensure the formation of the following competencies:

BPC-15 – Select effective technologies for the development of Web-applications in various areas of activity, create Web-applications, use languages and programming tools to solve problems on the Internet.

4. Intermediate certification: protection of laboratory works.