

# 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.