

INTERNET TECHNOLOGIES AND WEB PROGRAMMING

(course title)

SUMMARY OF THE EDUCATIONAL INSTITUTION'S CURRICULUM

Specialty 6-05-0612-03 "Information Management Systems"

Specialization: Automated information processing systems

	The form of higher education		
	Full-time (full-time)	Correspondence	Correspondence shortened
Course	3,4	4	3
Semester	6,7	7,8	5, 6
Lectures, hours	66	16	16
Lab exercises, hours	50	12	12
Course work, semester	16	4	4
Exam, semester	6,7	7,8	5, 6
Classroom hours in the academic discipline	132	32	32
Individual work, hours	120	220	220
Total hours in the discipline / credits	252/7,0		

1 Summary of the content of the discipline.

The purpose of the course is to acquire the special knowledge, skills and abilities necessary for an information technology engineer in the development of Internet applications.

2. Learning outcomes

As a result of studying the discipline the student should:

know: -modern technologies of Web-programming;

-modern technologies for accessing Web pages and Web servers;

- applied software with the help of which Internet applications are created;

-mechanisms of work of Internet applications;

be able to:

-use modern tools for developing Internet applications

-introduce web technologies and adapt web applications;

- apply programming languages and modern development environments for web applications and web interfaces to solve problems of various classes

have the following skills:

- JavaScript and Python languages;

- methods of developing Internet applications;

- programming skills, debugging and testing web interfaces and web applications..

3. Competencies to be formed

Mastering this educational discipline should provide formation of the following competences: Develop programs (scripts) in modern languages for WEB-programming, work with WEB-servers and server applications.

4. Requirements and forms of current and intermediate attestation

Defence of laboratory works - current attestation, the exam - intermediate attestation, oral and written.