«EXPERT SYSTEMS»
(course title)

COURSE SYLLABUS ABSTRACT
of higher education institution
speciality

Specialty 1-53 01 02 Automated Systems for Processing of Information
Direction of specialty_____
Specialization 1-53 01 02-01 Automated systems of processing and displaying information

	STUDY MODE		
	Full-time (daytime)	Correspondence	Correspondence abbreviated
Year	**3,4**	**4.5**	**2,3**
Semester	6,7	8,9	4,5
Lectures, hours	48	16	16
Laboratory classes, hours	64	16	16
Auditory control work (semester, hours)		9(2h)	5(2h)
Credit, semester	6	8	5
Exam, semester	7	9	4
Contact hours	112	32	34
Independent study, hours	104	184	182
Total course duration in hours / credit units	216/6		

1. Summary of the content of the training discipline

Acquisition of specific knowledge, skills and abilities necessary for an information technology engineer in the process of designing expert systems.

2. learning outcomes

know: types of systems and their models; approaches to forming knowledge bases; types expert systems; stages of developing expert systems; technology for building expert systems.

be able to: develop knowledge bases for expert systems; apply technology for building expert systems in practice.

know how to develop expert systems

3. Formable competencies

PC-3 Perform task setting for information processing automation

PC-6 Carry out object analysis and design of information processing systems

PC-7 Design templates of typical solutions and components of information processing systems

4. Requirements and forms of current and interim certification.

Oral and written form is used for diagnostics of competences.

The following assessment tools are used:

- Reports on laboratory works with their oral defense;
- Credit
- Exam.