KNOWLEDGE BASES IN CAD
(course title)

COURSE SYLLABUS ABSTRACT

6-05-0611-01 Information systems and technologies (by directions)
(concentration)
1. Information systems and technologies in design and production
(profiling))

	STUDY MODE	
	full-time	part-time (shortened program)
Year	**4**	**3**
Semester	**8**	**6**
Lectures, hours	**24**	**6**
Laboratory classes, hours	**24**	**6**
Exam, semester		**6(2)**
Contact hours	**8**	**6**
Independent study, hours	**48**	**12**
Total course duration in hours / credit units	**60**	**96**
Year	**108/3**	

1. Course outline
The purpose of the discipline is to form ideas about the problems of artificial intelligence, methods of presenting and storing knowledge, the use of artificial intelligence capabilities in solving applied problems of design and technological design.
2. Course learning outcomes
Upon completion of the course, students will be expected to
know:
- modern methods used in decision support systems;
- basic approaches to the organization of knowledge bases;
- problems of artificial intelligence in design and technological design systems;
- algorithms of computer interaction in decision support systems.
be able to:
- solve applied problems of design and technological design using artificial intelligence and decision support systems
.to possess a skill:
work on a personal computer to work with decision support systems for the implementation of applied tasks of design and technological design.
3 Competencies
To develop knowledge bases and decision support systems for professional activity tasks
4 Requirements and forms of midcourse evaluation and summative assessment
The current certification is an exam.