

SOFTWARE PACKAGES FOR MANAGEMENT DECISION-MAKING

(course title)

COURSE SYLLABUS ABSTRACT of higher education institution speciality

1-25 01 07 Economics and management at the enterprise

(speciality code and name)

	STUDY MODE	
	full-time	part-time (shortened program)
Year	3	4
Semester	6	8
Lectures, hours	34	8
Laboratory classes, hours	34	6
Contact hours	68	14
Independent study, hours	2	64
Pass/fail, semester	6	8
Total course duration in hours / credit units	70 / 1,5	

1. Course outline

The course covers the following topics: methodological foundations of management decision development; technical means of automation of management decision development; ARM - a means of automating the work of the end user; development of management decisions in conditions of uncertainty and risk; management decision-making using the game theory apparatus; structured tasks of management decision development; information technology in project management systems; modern approach to enterprise management using information technology.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know: features of the theory of managerial decision-making; concepts and methods that define decision-making processes; tools and means of substantiating managerial decision-making

able to: apply quantitative and qualitative methods of analysis when making managerial decisions; build economic, financial and organizational-managerial models; use standard and specialized tools to support managerial decision-making; evaluate the conditions and consequences of organizational-managerial decisions

possess: methods of quantitative analysis and modeling, theoretical and experimental research; methods of making strategic, tactical and operational decisions in the management of operational (production) activities of organizations; available tools for automating the management decision-making procedure

- владеть: методами количественного анализа и моделирования, теоретического и

3. Competencies

AK-1 be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems; AK-2 possess systematic and practical analysis; AK-3 possess research skills; SLK-6 be able to work in a team; PK-23 be able to make informed decisions in the face of business uncertainty; PK-25 to use economic laws and patterns in the management of the modern labor economy.

4. Requirements and forms of midcourse evaluation and summative assessment

- oral (oral interview during laboratory classes; defense of laboratory work; interview during individual and group consultations)

- written (tests; control surveys, written reports on laboratory classes)

- oral-written (reports on classroom laboratory classes with their oral defense, passing the test)