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**Federal State Autonomous Educational Institution for Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
RUDN University**

Higher School of Management

(faculty/institute/academy - the higher education program developer)

COURSE SYLLABUS

MANAGERIAL ECONOMICS

course title

Recommended by the Didactic Council for the Education Field of:

38.04.02 MANAGEMENT

field of studies / speciality code and title

The course instruction is implemented within the professional education programme of higher education:

Engineering Management

higher education programme profile/specialisation title

1. COURSE GOAL(s)

Possible wording

The *Managerial Economics* discipline is a part of the Engineering Management master's program in the area 38.04.02 Management and is studied in the Semester 1 of Year 1. The discipline is implemented by the Applied Economics Department. The discipline consists of 6 sections and 10 subjects. It is aimed at studying the fundamental problems of economic theory from the point of view of the company's operations.

The goal of mastering the discipline is to study the micro- and macroeconomic aspects of company management; - understand the behavior patterns of economic agents and markets; - master methods and tools for quantitative and qualitative analysis of management processes; - study the main elements of the strategic management process and alternatives to the development strategies of the organization.

2. REQUIREMENTS FOR DISCIPLINE OUTCOMES

Possible wording

The mastering of the *Managerial Economics* discipline envisages building the following competencies (parts of competencies) in students:

Table 2.1. The list of competencies acquired by students in the course of the discipline (outcomes of the discipline)

Competence Code	Competence Descriptor	Competence Formation Indicators (within this discipline)
GC-1	Ability to perform critical analysis of problematic situations based on the systemic approach and to develop a plan of action	GC-1.1 Analyzes the task and singles out its basic components; GC-1.2 Defines and prioritizes the information needed to solve the task; GC-1.3 Searches the information to solve the task by various types of queries; GC-1.4 Offers options for solving the problem, analyzes the possible consequences of their use; GC-1.5 Analyzes ways to solve problems of worldview, moral and personal nature based on the use of fundamental philosophical ideas and categories in their historical development and socio-cultural context
GPC-1.	Capability to solve professional tasks based on knowledge (at an advanced level) of economic, organizational and managerial theory, innovative approaches, generalization and critical analysis of management practices.	GPC-1.1 Has fundamental knowledge in management; GPC-1.2 Can apply the fundamental knowledge of economic, organizational and managerial theory for the successful work; GPC-1.3 Applies innovative approaches to solve management tasks, considering the generalization and critical analysis of best management practices; GPC-1.4 Has the skills of making an informed choice of methods for solving practical and research problems;
GPC-6.	Capability to evaluate critically the possibilities of digital technologies for professional tasks solving, to work with digital data, evaluate their sources and relevance	GPC-6.1 Masters digital technologies for the successful solution of professional challenges; GPC-6.2 Can work with digital data, evaluate their sources and relevance; GPC-6.3 Can use general or specialized application software packages designed to perform professional tasks;

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The *Managerial Economics* discipline belongs to the mandatory part of Block 1 "Disciplines (modules)" of the higher education program.

Within the higher education program students also take other disciplines and/or internships that contribute to the achievement of the expected learning outcomes as results of mastering the *Managerial Economics* discipline.

Table 3.1. The list of the higher education program components that contribute to the achievement of the expected learning outcomes as the disciplines results.

Competence Code	Competence Descriptor	Previous Disciplines/Modules, Practices*	Subsequent Disciplines/Modules, Practices*
GC-1	Ability to perform critical analysis of problematic situations based on the systemic approach and to develop a plan of action		Research work; Pre-graduation Practice; Finance and Investments of Enterprises in Engineering Management; Strategic Management in Industrial Companies; Marketing and Competitiveness Management; Commercial Law and Legal Engineering; <i>Engineering Innovations**</i> ; <i>Economics and Management of Energy and Environment**</i> ; <i>Management Business Processes**</i> ; <i>Cloud Technologies in Enterprise Management*</i> ; <i>Fundamentals of Logistics and Supply Chain Management**</i> ; <i>Enterprise Management Information System*</i> ; Evaluation of Labor Efficiency and Personnel Management Modern Strategic Analysis; Agile Project Management;
GPC-1.	Capability to solve professional tasks based on knowledge (at an advanced level) of economic, organizational and managerial theory, innovative approaches, generalization and critical analysis of management practices.		Research work; Pre-graduation Practice; Finance and Investments of Enterprises in Engineering Management; Strategic Management in Industrial Companies; Commercial Law and Legal Engineering; Modern Strategic Analysis;

Compe tence Code	Competence Descriptor	Previous Disciplines/Modules, Practices*	Subsequent Disciplines/Modules, Practices*
GPC-6.	Capability to evaluate critically the possibilities of digital technologies for professional tasks solving, work with digital data, evaluate their sources and relevance		Finance and Investments of Enterprises in Engineering Management; Agile Project Management; Pre-graduate practice;

* - filled in in accordance with the matrix of competencies and the higher education program developer

** - elective disciplines/practices

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the *Managerial Economics* discipline is 3 credits.

Table 4.1. Types of educational work according to the periods of mastering the higher education program for full-time students

Type of Educational Work	TOTAL, academic hours.		Semester(s)
			1
<i>Contact Work, academic hours.</i>	36		36
Lectures (LC)	18		18
Laboratory Work (LR)	0		0
Practical/seminar classes (PC)	18		18
<i>Autonomous Work of students, academic hours.</i>	54		54
<i>Control (exam /graded credit), academic hours.</i>	18		18
Total Workload of the Discipline	acade mic hours	108	108
	credits	3	3

5. COURSE CONTENTS

Table 5.1. The content of the discipline (module) by type of academic work

Section number	Name of the Discipline Section	Content of the Section (topics)		Type of Educational Work*
Section 1	Introduction. Economics and Managerial Decision-making.	1.1	Economics and Managerial Decision-making	Lecture, self study
		1.2	Economic Theory and Managerial Economics.	Lecture, self study
Section 2	Theory of Consumer Behavior and Market Demand.	2.1	Consumer Preferences and Choices.	Lecture, self study
		2.2	Individual and Market Demand. Demands' Elasticity.	Lecture, self study
Section 3	Theory of Production, Costs, Profits and Market Supply. Market Structures.	3.1	The Company and its Goals.	Lecture, self study
		3.2	Company Assessment of Production and Costs.	Lecture, self study
		3.3	Market Structures.	Lecture, self study
Section 4	Development of a Solution in terms of Risk Uncertainties and Asymmetries of the Information.	4.1	Risk and Uncertainty Analysis.	Lecture, self study
Section 5	Production Factor Markets.	5.1	A Company in the Resource Market.	Lecture, self study
Section 6	State, Society and Managerial Decisions of the Company.	6.1	Asymmetry of Information and Managerial Decisions. The Theory of "Principal-Agent" and the Development of Managerial Decisions.	Lecture, self study

* - filled in by **FULL**-time study only: LC – lectures; LR – laboratory work; S - seminars.

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Equipment and technological support of the discipline

Classroom Type	Equipment of the Classroom	Specialized Educational/Laboratory Equipment, Software and Materials for the Discipline (if necessary)
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Lecture Hall	An auditorium for conducting lecture-type classes, equipped with a set of specialized furniture; a board (screen) and technical means of multimedia presentations.	projector and laptop
Lab work	A classroom for laboratory work, individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and machinery.	List of specialised laboratory equipment, machinery, stands, etc.
Seminar	A classroom for conducting seminars, group and individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and technical means for multimedia presentations.	List of specialised equipment, stands, visual posters, etc.
Computer Lab	A classroom for conducting classes, group and individual consultations, current and mid-term assessment, equipped with personal computers (in the amount of ____ pcs), a board (screen) and technical means of multimedia presentations.	List of specialised software installed on computers for mastering the discipline
Self-studies	A classroom for independent work of students (can be used for seminars and consultations), equipped with a set of specialised furniture and computers with access to the electronic information and educational environment.	

* The premises for students' self-studies are subject to **MANDATORY** mention

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main Readings:

1. Tretyakova, E. A. Upravlencheskaya ekonomika [Managerial Economics]: Textbook and workshop for universities / E. A. Tretyakov. — 2nd ed., reprint. and add. — Moscow : Yurayt Publishing House, 2023. - 351 p. — (Higher education). — ISBN 978-5-534-14594-6. — Text : electronic // Yurayt educational platform [website]. — URL: <https://urait.ru/bcode/515673>

2. Upravlencheskaya ekonomika [Managerial Economics]: Textbook and workshop for universities / E. V. Ponomarenko [et al.] ; under the general editorship of E. V. Ponomarenko, V. A. Isaev. — Moscow : Yurayt Publishing House, 2023. — 216 p. — (Higher education). — ISBN 978-5-534-02846-1. — Text : electronic // Yurayt Educational Platform [website]. — URL: <https://urait.ru/bcode/511093>

Additional Readings:

1. Moki, M. S. Ekonomika organizatsii [Economics of organization]: textbook and workshop for secondary vocational education / M. S. Moki, O. V. Azoeva, V. S. Ivanovsky; edited by M. S. Mokiya. — 4th ed., reprint. and add. — Moscow : Yurayt Publishing House, 2023. — 297 p. — (Vocational education). — ISBN 978-5-534-13970-9. — Text : electronic // Educational platform Yurayt [website]. — URL: <https://urait.ru/bcode/511566>

1. Moki, M. S. *Ekonomika firmy* [Economics of firm]: textbook and workshop for secondary vocational education / M. S. Moki, O. V. Azoeva, V. S. Ivanovsky; edited by M. S. Moki. — 4th ed., reprint. and add. — Moscow : Yurayt Publishing House, — Moscow : Yurayt Publishing House, 2023. — 297 p. — (Higher education). — ISBN 978-5-534-12884-0. — Text : electronic // Educational platform Yurayt [website]. — URL: <https://urait.ru/bcode/510682>

Resources of the Internet information and telecommunication network:

1. Electronic libraries (EL) of RUDN University and other institutions, to which university students have access on the basis of concluded agreements

- Electronic library system of RUDN – EBS RUDN

<http://lib.rudn.ru/MegaPro/Web>

- EL "University Library Online" <http://www.biblioclub.ru>

- EL "Yurayt" <http://www.biblio-online.ru>

EL "Student Consultant" www.studentlibrary.ru

EBS "Trinity Bridge"

2. Databases and search engines:

- electronic foundation of legal and normative-technical documentation

<http://docs.cntd.ru/>

- Yandex search engine <https://www.yandex.ru/>

- Google search engine <https://www.google.ru/>

- Scopus abstract database

<http://www.elsevierscience.ru/products/scopus/>

The following training toolkit for the student's autonomous work is envisaged as part of mastering the discipline/module:*

1. A course of lectures on the *Managerial Economics* discipline.

* The training toolkit for self- studies to master the course is placed on the course page in the university telecommunication training and information system under the set procedure.

8. ASSESSMENT TOOLKIT AND GRADING SYSTEM* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL UPON COURSE COMPLETION

The assessment toolkit and the grading system* to evaluate the competences formation level (competences in part) upon the course study completion are specified in the Appendix to the course syllabus.

* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

DEVELOPERS:

Head of the Applied Economics Department

A.A. Ostrovskaya

position, department

name and surname

HEAD OF EDUCATIONAL DEPARTMENT:

Head of the Applied Economics Department

A.A. Ostrovskaya

name of department

name and surname

HEAD OF HIGHER EDUCATION PROGRAMME:

Head of the Applied Economics Department

A.A. Ostrovskaya

position, department

name and surname