

Документ подписан простой электронной подписью  
Информация о владельце:  
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Должность: Ректор  
Дата подписания: 01.06.2023 12:01:32  
Уникальный программный ключ:  
ca953a0120d891083f939673078ef1a989dae18a

**Federal State Autonomous Educational establishment of higher education  
RUDN-University**

**Engineering Academy**

**PROGRAMM**

**Management of supply chains at innovative enterprise**

**The program track 27.04.05 Innovation studies**

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**Educational program of higher education**

**Innovation management**

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### 1. The aim

The purpose of mastering the discipline is to gain knowledge, skills and experience in the field of innovative tools of supply chain management at innovative enterprises, characterizing the stages of competency formation and ensuring the achievement of the planned results of mastering the educational program.

### 2. Requirements to the outcome of the course:

The following competences are formed in the study process.

*Table 2.1. A list of formed competences*

A code of a competence	A competence	Indicators of achieving a competence
GPC-2	Able to formulate control problems in technical systems and justify methods for their solution	GPC-2.1. Chooses the best methods for solving management problems in technical systems is able to manage the project at all stages of its lifecycle GPC-2.2. Competently formulates control tasks in technical systems
PC-2	Able to find (choose) the best solutions when creating new science-intensive products, taking into account the requirements of quality, cost, deadlines, competitiveness and environmental safety	PC-2.1 Demonstrates knowledge of assessing the quality, cost and competitiveness of an innovative product or service

- 3. Place of the course in the structure of GEP:** Part, formed by educational relations participants - the first block of EP HE.

*Table 3.1. A list of EP HE components, bringing forward planned results achievement*

A code of a competence	A competence	Preceding courses	Following courses
GPC-2	Able to formulate control problems in technical systems and justify methods for their solution	-	Practical applications of Earth remote sensing data and GIS Introductory training Organisation and managerial training (S) Organisation and managerial training (P) Predegree training State exam Graduation qualification work
PC-2	Able to find (choose) the best solutions when creating new science-intensive products, taking into account the requirements of quality, cost, deadlines, competitiveness and environmental safety		State exam Graduation qualification work

### 4. Workload of the course and forms of study work

General workload of the course 3.

*Table 4.1. Form of study work of EP HE*

Form of study work	Total hours	Semester
		3
<b><i>Class hours (total)</i></b>	54	54
Including:		
Lectures	18	18
Laboratory classes (LC)	-	-
Seminars (S)	36	36
<i>Autonomous work (AW), hr</i>	135	135
<i>Control (exam)</i>	27	27
<b>In total</b>	hr	216
	credits	6

## 5. Content of the course

Table 5.1. Content of the course

Наименование раздела дисциплины	Содержание раздела (темы)	Виды учебной работы
Management of material flows on the basis of logistics costs breakdown accounting	Volume of total material flow. Cost of materials handling work at the warehouse of a wholesale distributor. Factors, influencing a total material flow at the warehouse, methods of accounting.	L,S, AW
An order of products acceptance according to quality and quantity	An analysis of standards, being subject to an order of products acceptance. Substantiation of an order of products acceptance by shipping companies. Substantiation of products acceptance terms.	L,S, AW
Calculation of parameters of resources management systems. Management of resources by ABC - analysis	Calculation method of resources management systems parameters. Analysis of an aim and tasks of ABC - analysis. Qualitative and quantitative criteria of differentiation in ABC - analysis.	L,S, AW
Assessment and choice of supplier	Rating of suppliers by quality, prices and reliability of deliveries.	L,S, AW
Ways of shipping. An optimal term of carrier vehicle replacement	Analysis of inner and outer factors, influencing ways of shipping and an optimal term of a carrier vehicle replacement for various business cases.	L,S, AW

## 6. Technical Support Requirements

Table 6.1. Technical Support Requirements

A type of a classroom	Technical Support Requirements	Special equipment, software
For lectures	An auditorium for lecture-type classes, equipped with a set of specialized furniture; board (screen) and technical means of multimedia presentations	-
For seminars	Audience for conducting seminar-type classes, group and individual consultations, current control and intermediate certification, equipped with a set of specialized furniture and technical means for multimedia presentations	-
For autonomous work	An auditorium for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with access to the EIS	-

## 6. Study-methodical and information sources:

*Main literature:*

Ivanova T.B., Zhuravleva E.A., Sopilko N.U. Strategic management of logistics, M.: PFUR, 2016.

*Internet resources:*

- 1) <http://www.businessstest.ru/> деловые тесты
- 2) <http://www.smartcat.ru/Personnel/> электронная библиотека учебной литературы
- 3) Electronic library systems:
  - ЭБС РУДН <http://lib.rudn.ru/MegaPro/Web>
  - ЭБС «Университетская библиотека онлайн» <http://www.biblioclub.ru>
  - ЭБС «Юрайт» <http://www.biblio-online.ru>
  - ЭБС «Консультант студента» [www.studentlibrary.ru](http://www.studentlibrary.ru)
  - ЭБС «Лань» <http://e.lanbook.com/>
  - ЭБС «Троицкий мост»
- 4) Data bases and browsers:
  - электронный фонд правовой и нормативно-технической документации <http://docs.cntd.ru/>
  - поисковая система Яндекс <https://www.yandex.ru/>
  - поисковая система Google <https://www.google.ru/>
  - реферативная база данных SCOPUS <http://www.elsevierscience.ru/products/scopus/>
- 5) Sites:
  - <https://www.mos.ru/mka/>
  - <http://www.minstroyrf.ru/>

**7. Assessment system**

*Materials for assessing the level of mastering the educational material of the discipline (assessment materials), including a list of competencies indicating the stages of their formation, a description of indicators and criteria for assessing competencies at various stages of their formation, a description of assessment scales, standard control tasks or other materials necessary for assessment knowledge, abilities, skills and (or) experience of activity, characterizing the stages of the formation of competencies in the process of mastering the educational program, the methodological materials defining the procedures for assessing knowledge, skills, skills and (or) experience of the activity, characterizing the stages of the formation of competencies, are developed in full and are available for students on the discipline page in the TUIS RUDN University.*

**Educational designer:**

Associate Professor, Ph.D



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