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

**Engineering Academy**

**PROGRAMM**

**Run-time controlling 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 goals and objectives of the discipline are to get knowledge, skills, abilities and experience in the field of operational controlling at an innovative enterprise, characterizing the stages of the formation of competencies 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 identify control tasks in technical systems and find methods for solving them	GPC-2.1. chooses the best methods for solving control tasks in technical systems, is able to manage the project at all stages of its life cycle GPC-2.2. competently formulates control tasks in technical systems
GPC-3	Able to solve control tasks in technical systems independently based on the latest achievements of science and technology	GPC-3.1 independently finds sources of information for solving control tasks in technical systems

### 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 identify control tasks in technical systems and find methods for solving them	Supply chain management in an innovative enterprise Organizational and managerial practice	Marketing of innovative products Preparation for passing and passing the state exam Fulfillment, preparation for the defense procedure and defense of the final qualifying work
GPC-3	Able to solve control tasks in technical systems independently based on the latest achievements of science and technology	Introductory practice Organizational and managerial practice	Organizational and managerial practice Preparation for passing and passing the state exam Fulfillment, preparation for the defense procedure and defense of the final qualifying work

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

General workload of the course 5.

Table 4.1. Form of study work of EP HE

Form of study work	Total hours	Semester
		3
<b>Class hours (total)</b>	36	36
Including:		
Lectures (Lc)	18	18
Laboratory classes (LC)		

Seminars (S)		18	18
Autonomous work (AW), hr		117	117
Control (exam), acad.hours		27	27
<b>In total</b>	hr	180	180
	credits	5	5

### 5. Content of the course

Table 5.1. Content of the course

Наименование раздела дисциплины	Содержание раздела (темы)	Виды учебной работы
Section 1 Controlling function of management. How to setup a controlling department. Financial controlling.	Essence, tasks and functions of operational controlling How to setup a controlling department. Controlling objects Financial controlling Fundamentals of finance in controlling. Management accounting system	L,S, AW
Section 2 Applied controlling. Information support. Planning and budgeting. Internal control system.	Marketing Controlling. Controlling innovation projects Information support of controlling Planning and budgeting in the controlling system Internal control system. Internal control and audit.	L,S, AW

L- lectures, S - seminars, AW - autonomous work

### 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:

1) Фольмут Х.Й. Инструменты контроллинга от А до Я: перевод с немецкого / Под ред. М.Л. Лукашевича и Е.Н. Тихоненковой. М.: Финансы и статистика. 2001. 288 с. ISBN 5-279-01737-X

2) Журавлева Е.А., Сопилко Н.Ю. Основы контроллинга: методические рекомендации к выполнению практических заданий для студентов инженерных и экономических специальностей и направлений подготовки / М.: Изд-во РУДН. 2011. 25 с. ISBN 978-5-209-04143-6. Электронный документ. [http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=379562&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=379562&idb=0)

3) Дайле А. Практика контроллинга: перевод с немецкого / Под ред. М.Л. Лукашевича, Е.Н. Тихоненковой. М.: Финансы и статистика. 2005. 336 с. ISBN 5-279-02093-1.

#### Additional literature:

1) Воронова Е.Ю. Управленческий учет: учебник для академического бакалавриата / 3-е изд. М.: Юрайт. 2018. 428 с. ISBN 978-5-534-00500-4: 999.00

2) Малиновская Н.В. Сборник задач по управленческому учету: учебно-методическое пособие / 3-е изд. М.: Изд-во РУДН. 2018. 64 с. ISBN 978-5-209-08598-0. Электронный документ. [http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=470363&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=470363&idb=0)

3) Коробова О.С. Основы экономики и менеджмента: учебно-методическое пособие / М.: РУДН. 2020. 57 с. ISBN 978-5-209-10703-3; 154.72. Электронный документ. [http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=470313&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=470313&idb=0)

4) Сергеева М.Г. Организация и методика проведения практических занятий по основам экономики и менеджмента: учебно-методическое пособие: в 2 частях. Ч. 2: Менеджмент / М.: РУДН, 2020. 73 с. ISBN 978-5-209-10147-5-ISBN 978-5-209-09520-0: 75.69. Электронный документ. [http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=492412&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=492412&idb=0)

*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:
  - electronic fund of regulatory and technical documentation <http://docs.cntd.ru/>
  - search system Yandex <https://www.yandex.ru/>
  - search system Google <https://www.google.ru/>
  - reference database 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:

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 O.E. Samusenko

### Head of EP HE:

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