



Syllabus Course Program



Resource management

Specialty

073 – Management

Institute

Institute of Education and Science in Economics, Management and International Business

Educational program

Management of Organizations and Administration

Department

Management (204)

Level of education

Bachelor's level

Course type

Profiled, Mandatory

Semester

6

Language of instruction

English, Ukrainian

Lecturers and course developers

**First name and surname**

Olena.Zamula@khpi.edu.ua

PhD (Economics), Associate Professor of Management Department (NTU “KhPI”)

Authored and co-authored over 45 scientific publications. Courses: Basics of management, Resource Management, Organizational behavior

[More about the lecturer on the department's website](#)

General information

Summary

The course "Resource Management" forms the knowledge and skills necessary for effective resource management, offers a methodological basis and toolkit for resource provision of enterprise development.

Course objectives and goals

Development of an understanding of resource management as a process used in costing, control and decision-making. Formation of knowledge and skills regarding the formation of the management system. Development of effective resource management skills.

Format of classes

Lectures, practical classes, consultations. Individual calculation task. Final control - exam.

Competencies

- GC05. Knowledge and understanding of the subject area and understanding of the professional activity.
- SC02. The ability to analyze the results of an organization's activity, to compare them with the factors of the external and internal environment.
- SC04. The ability to determine the functional areas of an organization and the relationships between them.
- SC05. The ability to manage an organization and its units through performing management functions.
- SC07. The ability to choose and use modern tools of management.
- SC1.1. Knowledge of modern approaches to resource management

Learning outcomes

LO 04. To demonstrate the ability to identify problems and justify managerial decisions.

LO 08. To apply management methods for ensuring the effectiveness of an organization.

LO 18. To demonstrate skills related to the identification and analysis of organizational problems, making of well-grounded organizational decisions, development of operational strategies and planning of organizational behavior.

LO1.1. To develop an operational strategy, calendar plans, organize operational activities, efficiently manage the resources and inventory of an organization.

Student workload

The total volume of the course is 90 hours (3 ECTS credits): lectures - 12 hours, Workshops - 24 hours, self-study - 54 hours.

Course prerequisites

To successfully complete the course, you must have knowledge and practical skills in the following disciplines: "Fundamentals of Management", "Organizational Theory", "Accounting".

Features of the course, teaching and learning methods, and technologies

Lectures are conducted interactively using multimedia technologies. Discussions, teamwork, case method, calculation methods are used in practical classes, attention is focused on the application of information technologies in resource management

Program of the course

Topics of the lectures

Topic 1. Introduction to the discipline "Resource Management".

Topic 2. Management of material resources.

Topic 3. Management of intangible resources.

Topic 4. Management of labor resources.

Topic 5. Classification and behavior of costs.

Topic 6. Building a model of resource use and decision-making.

Topics of the workshops

Topic 1. Classification of enterprise resources.

Topic 2. Assessment of resource provision of the enterprise.

Topic 3. Planning of material and technical support of production.

Topic 4. Evaluation of productivity of material resources.

Topic 5. Development of skills for working with information resources.

Topic 6. Development of work skills in the field of obtaining permits and administrative services.

Topic 7. Planning of labor resources of the enterprise.

Topic 8. Evaluation of productivity of labor resources.

Topic 9. Calculating the cost of products and services.

Topic 10. Choice of enterprise cost management system.

Topic 11. Decision-making according to the "volume-output-profit" system, as well as with the help of marginal analysis.

Topic 12. Evaluation of the effectiveness of use of resources and formation of skills for adjusting plans.

Topics of the laboratory classes

Laboratory work within the discipline is not provided.

Self-study

The course involves the completion of an individual task in the form of a calculated task. Students are also recommended additional materials (videos, articles) for independent study and analysis.

Course materials and recommended reading

Compulsory materials

1. Hansen D. R., Mowen M. M., Caldwell C.M., (2002) Cost Management: Accounting and Control, 5 Edition. – Thomson South-Western
2. Reid R. Dan, Sanders N. R. et al. (2010) Operations Management: An integrated approach, 4 Edition. – John Wiley & Sons, Inc.
3. Drury C. (2012) Management and cost accounting, 8 Edition
4. Kaplan, R & Norton, D. (2006). Alignment: using the Balanced Scorecard to create corporate synergies. Boston, MA: Harvard Business School Press.
5. Siegel, J. G., Shim, J. K. (2005). Budgeting basics and beyond. 2 Edition. – John Wiley & Sons, Inc.

Additional materials:

1. Heagney J. (2012) Fundamentals of Project Management, 4 Edition . – American Management Association
2. Duane J. R., Sustainability And Infrastructure Resource Allocation. Journal of Business & Economics Research. September 2009; 7 (9): 71 –76.
3. Cardy R., & Leonard, B., (2014). Performance Management: Concepts, Skills and Exercises. New York: Routledge.
4. Wallace T. F. Kremzar M. H. (2001). ERP: Making It Happen: The Implementers' Guide to Success with Enterprise Resource Planning John Wiley & Sons, Inc
5. Armstrong, M., (2009). Armstrong's Essential Human Resource Management Practice: A Guide to People Management. London; Philadelphia : Kogan Page

Assessment and grading

Criteria for assessment of student performance, and the final score structure

100% of the final grade consists of assessment results in the form of an exam (40%) and ongoing assessment (60%). Exam: test tasks (30 theory questions) and problem solving. Current assessment: 2 tasks and a calculated task (20% each)

Grading scale

Total points	National	ECTS
90–100	Excellent	A
82–89	Good	B
75–81	Good	C
64–74	Satisfactory	D
60–63	Satisfactory	E
35–59	Unsatisfactory (requires additional learning)	FX
1–34	Unsatisfactory (requires repetition of the course)	F

Norms of academic integrity and course policy

The student must adhere to the Code of Ethics of Academic Relations and Integrity of NTU "KhPI": to demonstrate discipline, good manners, kindness, honesty, and responsibility. Conflict situations should be openly discussed in academic groups with a lecturer, and if it is impossible to resolve the conflict, they should be brought to the attention of the Institute's management. Regulatory and legal documents related to the implementation of the principles of academic integrity at NTU "KhPI" are available on the website: <http://blogs.kpi.kharkov.ua/v2/nv/akademichna-dobrochnest/>

Approval

Approved by

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Olena PROKHORENKO

Date, signature

Guarantor of the educational
program
Olena LINKOVA

