



Syllabus Course Program



Resource management

Specialty

073 – Management

Educational program

Business-Administration

Level of education

Bachelor's level

Semester

7

Institute

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

Department

Management (204)

Course type

Profiled, Mandatory

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.

SSC2.1. The ability to collect and process the primary accounting and managerial information; to understand accounting and taxation systems

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 plan business activities and organize the provision of resources to a business entity.

LO2.4. To adapt the existing methods and approaches to various business tasks, to perform the functions of a business integrator, to plan and to manage time.

Student workload

The total volume of the course is 150 hours (3 ECTS credits): lectures - 32 hours, Workshops - 32 hours, self-study - 86 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. Assessment of resource provision of the enterprise.

Topic 3. The Balanced Scorecard

Topic 4. Management of material resources.

Topic 5. Planning of material and technical support of production.

Topic 6. Management of intangible resources.

Topic 7. Management of labor resources.

Topic 8. Planning of labor resources of the enterprise.

Topic 9. Classification and behavior of costs.

Topic 10. Traditional Product Costing System

Topic 11. Performance Evaluation Through Standard Costs

Topic 12. Activity-Based Costing

Topic 13. Cost-Volume-Profit Relationships

Topic 14. Incremental Analysis

Topic 15. Building a model of resource use and decision-making.

Topic 16. Budgeting basics

Topics of the workshops

Topic 1. Classification of enterprise resources.

Topic 2. Assessment of the Property Status of the Enterprise.

Topic 3. Operational (Process) Objectives of the Balanced Scorecard.

Topic 4. Evaluation of productivity of material resources.

Topic 5. Inventory management.

Topic 6. Customer Perspective of the Balanced Scorecard.

Topic 7. Development of skills for working with information resources.

Topic 8. Development of work skills in the field of obtaining permits and administrative services.

Topic 9. Learning & Growth Objectives of the Balanced Scorecard.

Topic 10. Basic payroll systems

- Topic 11. Evaluation of productivity of labor resources.
- Topic 12. Financial Perspective Objectives of the Balanced Scorecard
- Topic 13. Calculating the cost of products and services.
- Topic 14. Choice of enterprise cost management system.
- Topic 15. Decision-making according to the "volume-output-profit" system, as well as with the help of marginal analysis.
- Topic 16. 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. Retrieved from https://www.portcity.edu.bd/files/636444804364870777_CostManagementAccounting&Control.pdf
2. Reid R. Dan, Sanders N. R. et al. (2010) Operations Management: An integrated approach, 4 Edition. – John Wiley & Sons, Inc. Retrieved from <https://ftp.idu.ac.id/wp-content/uploads/ebook/ip/BUKU%20MANAJEMEN%20OPERASI/0470325046Operations.pdf>
3. Drury C. (2012) Management and cost accounting, 8 Edition. Retrieved from http://116.206.63.139:8080/xmlui/bitstream/handle/123456789/1303/cl18_Drury_MgtCostAcc10e-wm.pdf?sequence=1&isAllowed=y
4. Kaplan, R (2010). Conceptual Foundations of the Balanced Scorecard. – Boston, Harvard Business School Press. Retrieved from https://www.hbs.edu/ris/Publication%20Files/10-074_0bf3c151-f82b-4592-b885-cdde7f5d97a6.pdf
5. Siegel, J. G., Shim, J. K. (2005). Budgeting basics and beyond. 2 Edition. – John Wiley & Sons, Inc. Retrieved from http://www.untag-smd.ac.id/files/Perpustakaan_Digital_1/BUDGET%20Budgeting%20Basics%20and%20Beyond.pdf

Additional materials:

1. Heagney J. (2012) Fundamentals of Project Management, 4 Edition . – American Management Association. Retrieved from https://www.nesacenter.org/uploaded/conferences/SEC/2014/handouts/Rick_Detwiler/15_Detwiler_Resources.pdf
2. Duane J. R., Sustainability And Infrastructure Resource Allocation. Journal of Business & Economics Research. September 2009; 7 (9): 71 –76. Retrieved from <https://core.ac.uk/download/pdf/268111587.pdf>
3. Wallace T. F. Kremzar M. H. (2001). ERP: Making It Happen: The Implementers' Guide to Success with Enterprise Resource Planning. Retrieved from https://repository.dinus.ac.id/docs/ajar/ERP_-_Making_It_Happen.pdf
4. Armstrong, M., (2009). Armstrong's Essential Human Resource Management Practice: A Guide to People Management, 11 Edition . – London; Philadelphia : Kogan Page. Retrieved from <https://opac.feb.uinjkt.ac.id/repository/4b052cb1a168dc087380e37c21b0ef9a.pdf>
5. Cardy R., & Leonard, B., (2014). Performance Management: Concepts, Skills and Exercises. New York: Routledge.

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-dobrochesnist/>

Approval

Approved by

Date, signature

Head of the department
Olena PROKHORENKO

Date, signature

Guarantor of the educational program
Olena PROKHORENKO