



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Finance management [S2TIIIZM1E>ZF]

Course

Field of study

Information Technology for Smart and Sustainable Mobility

Year/Semester

1/1

Area of study (specialization)

–

Profile of study

general academic

Level of study

second-cycle

Course offered in

English

Form of study

full-time

Requirements

elective

Number of hours

Lecture

0

Laboratory classes

0

Other

0

Tutorials

16

Projects/seminars

0

Number of credit points

1,00

Coordinators

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Lecturers

Prerequisites

Student has a basic knowledge of economic relations and the basics of entrepreneurship Student is able to associate and integrate the information, analyze the phenomena occurring in the environment, draw conclusions, formulate and justify opinions Student is aware of the social and economic importance of financial management and raising funds for various types of projects

Course objective

Understanding the basics of financial management in companies, with particular emphasis on sources of financing.

Course-related learning outcomes

Knowledge

The student demonstrates knowledge of the economic, legal, and other conditions affecting the operations of companies in the transport sector

The student has basic knowledge of management, business operations, and individual entrepreneurship, in particular is familiar with sources of financing and the criteria for their selection

Skills

The student is able to obtain information from literature, databases, and other sources, integrate it, interpret and critically evaluate it, draw conclusions, and formulate well-justified opinions

The student is able to carry out a basic financial analysis of an enterprise or a project

Social competences

The student understands the importance of using the latest knowledge in solving research and practical problems, as well as in preparing financial documents

The student is aware of the need to develop their professional achievements and to adhere to the principles of professional ethics

The student is prepared to think and act in an entrepreneurial manner.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Discussion and active participations in lectures.

Written test in the form of a multiple-choice test with possible additional open questions (5 test questions and 1 open-ended). 50% passing threshold.

Passing the tutorial classes is based on the completion of assigned tasks.

Programme content

Basics of financial management. Sources of business financing. Criteria for selecting sources of financing. Basic financial statements and their analysis.

Course topics

1 Basics of financial management. The importance of financial policy in a company and the scope of financial policy.

2 Sources of business financing. Internal and external sources of financing: equity capital (capital increase, share issuance, retained earnings), bank credit, bonds. Key characteristics, advantages, and disadvantages of each source.

3 Sources of business financing. Financial leasing and operating leasing.

4 Criteria for selecting sources of financing. Rules for shaping the debt structure.

5 Financial statements. Balance sheet: features, layout and components, current and fixed assets, equity and liabilities.

6 Financial statements. Profit and loss account: layout and elements.

7 Evaluation of company's financial condition. Basic financial statements ratios.

Teaching methods

Calculation exercises and work with financial statements.

Bibliography

Basic

Hawkins A., Turner C., The balance sheet pocketbook. Management pocketbooks. Melrose 2010.

Hawkins A., Turner C., Hailstone Ph., The managing budgets pocketbook (Finance). Management pocketbooks Ltd 2005.

Hawkins A., Turner C., Improving profitability pocketbook. Management pocketbooks Ltd 2005.

Additional

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Breakdown of average student's workload

	Hours	ECTS
Total workload	30	1,00
Classes requiring direct contact with the teacher	16	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	14	0,50