



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Micro and small enterprise management [S1AiR1E>POH1-ZMiMP]

Course

Field of study

Automatic Control and Robotics

Year/Semester

1/1

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

english

Form of study

full-time

Requirements

elective

Number of hours

Lecture

30

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

Number of credit points

4,00

Coordinators

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Lecturers

Prerequisites

The students have the basic knowledge about the economics and entrepreneurship. The students are able to predict the basic phenomena of economic and social life. The students can engage in a debate, including presentation and analysis of different opinions and further discussing them.

Course objective

The course introduces students to the basic concepts of management in which they live and provides them with an understanding of how economics and entrepreneurship relate to the other aspects of their everyday life.

Course-related learning outcomes

Knowledge:

Has a basic knowledge of management, including quality management and doing business [K1_W25 (P6S_WK)].

Knows and understands the general principles of creating and developing forms of individual entrepreneurship utilising knowledge of automation and robotics [K1_W27 (P6S_WK)].

Knows and understands the fundamental dilemmas of modern civilisation related to the development of

automation and robotics [K1_W28 (P6S_WK)].

Skills:

Be able to make a preliminary economic analysis of the engineering activities undertaken in the field of automation and robotics [K1_U20 (P6S_UW)].

Can work individually and in a team; can plan and organise work - individual and in a team; can estimate the time needed to complete a given task; can prepare and carry out a work schedule ensuring that deadlines are met [K1_U30 (P6S_UO)].

Is able to plan and organise work - individual and in a team in accordance with the principles of health and safety at work [K1_U31 (P6S_UO)].

Social competences:

Is ready to think and act in an entrepreneurial way [K1_K6 (P6S_KO)].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Learning outcomes presented above are verified as follows:

Evaluation of knowledge and skills based on the written final task and homework (presentation of own business idea). Task consists of 4 open and 10 multiple choice test questions. Passing threshold: 50% of points.

Programme content

Introduction to Economics of Business. Demand and supply. The role of money in the market economy. Time value of money. Economics of firm: cost, revenue and profit. Taxes and sources of start-up financing. The business planning. The foundations of the theory of management. Strategic and operational planning. The process of organizing and different types of organizational structure. Motivation and leadership. The principles of effective controlling.

Teaching methods

Multimedia presentation, illustrated with examples on the board.

Bibliography

Basic

1. Economics for business and management / Allan Griffiths, Stuart Wall (eds.) Harlow : Financial Times Prentice Hall. 2011

2. The Economics of Small Businesses: An International Perspective / Calcagnini, Giorgio ; Favaretto, Ilario. Physica-Verlag HD, Heidelberg. 2011

3. Management in international business / Mariusz Sagan. Szkoła Główna Handlowa (Warszawa). 2015

Additional

1. Sloman J., Economics, FT Prentice Hall, London, 2003

2. The Economics and Management of Small Business. An international perspective/ Graham Bannoc. Taylor & Francis Group. 2005

3. The Business of Economics/ John Kay, Oxford University Press, 2002

4. The Economics of Business/ M.Newell, Macmillian, 1996

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
Classes requiring direct contact with the teacher	30	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	70	3,00