COURSE DESCRIPTION CARD - SYLLABUS

Course name
Finance [N2EPiO1>Fin]

Course

Field of study
Industrial and Renewable Energy Systems

Year/Semester
2/3

Area of study (specialization)
Gas Technology and Renewable Energy

Profile of study
general academic

Level of study
second-cycle

Course offered in
Polish

Form of study
part-time

Requirements
elective

Number of hours

Lecture
0

Laboratory classes
0

Other
0

Tutorials
9

Projects/seminars
0

Number of credit points

1,00

Coordinators

dr Joanna Małecka
joanna.malecka@put.poznan.pl

Lecturers

Prerequisites

KNOWLEDGE: Student has a basic knowledge of the economy and has a general knowledge of the functioning and management of the economy, is familiar with the administrative structure of the state SKILLS: Student has the ability to perceive, associate and interpret phenomena occurring in the economy, is able to perform mathematical tasks in the field of calculating interest rates, installments and cash contributions SOCIAL COMPETENCE: Student is able to make independent assessment of the socio-economic policy, argues and defends their opinions

Course objective

Understanding the basic mechanisms of the functioning of the financial system in the national economy and its impact on financial decisions taken by individual economic entities, is able to compare the results of financial markets, as well as distinguish money market instruments from capital market solutions

Course-related learning outcomes

Knowledge:
1. knows the concept of finance and is able to identify financial streams and resources in the economy
2. knows the basic principles of creating and developing the financial market and its individual segments

3. has knowledge of alternative forms of financing

Skills:
1. is able to assess the impact of government policies on interest rate volatility
2. is able to use specialist terminology related to the broadly defined financial and monetary policy of the state
3. is able to manage the work of the team and has the ability to find the necessary macro-financial information for efficient management of the enterprise

Social competences:
1. is ready to initiate actions for compromises in various areas of economic policy
2. is ready to think and act in an entrepreneurial manner
3. is ready to perform responsible professional roles and is aware of the impact of fiscal, monetary and financial markets on the functioning of individuals and enterprises

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Learning outcomes presented above are verified as follows:
LECTURES - Formative assessment: active in discussions summarizing individual lectures or given material (e.g. books, movies), giving the student the opportunity to assess the understanding of the problem; optional papers (essay) assigned during the semester. Summative assessment: written exam on the last lecture (to obtain a positive grade, 55% of points are required)
PRACTICE (CALSSES): Formative assessment: current activity during classes and participation in the discussion; preparing presentation and finantial report aboutgiven topic ; tests; written works (essey) based on given books, articles or films; written analysis of case-study; final test). Summative assessment: the arithmetic average of the formative grades with rounding conditions given and placed on the MODDLE platform - inability to getting promotion without a colloquium for a positive grade (min. 55% of points)

Programme content

The curriculum content is concerned with defining finance, recognizing its functions and classifying it by economic agents. By learning about the history of money, as well as the mechanisms of money creation and the transformation of its form (cash and non-cash money), an understanding of the principles of the banking sector increases. Familiarization with the functions and principles of taxation, as well as the construction of taxes and the characteristics of the tax system in Poland, enables more effective management of the financial portfolio.

Course topics

1. A reminder of the basics of economics and an introduction to finance
2. The nature and criteria of capital allocation
3. Structure of the financial market
4. Legal form and access to financial market instruments
5. Money market and capital market
6. The banking sector and monetary policy
7. Fiscal policy and the tax system
8. Classical and alternative financial instruments

Teaching methods

I. FEEDBACK: Information lecture, Problem lecture, Conversational lecture, Talk, Lecture, Reading
II. SEARCHING: Case study, Brainstorming, Round table discussion, Discussion - pyramid, Discussion - seminar, Discussion - paper,
III. TUTORIAL - PRACTICAL: Auditorium exercises, Demonstration method, Project method, Workshop method, Tasks solbing
IV. EXPOSING: Demonstration (film / presentation)

Bibliography

Primary literature
1. Małecka, J. (2021). Alternatywne źródła finansowania w zarządzaniu finansami mikro, małych i średnich przedsiębiorstw. Cechy przedsiębiorcy a wybór źródła finansowania. ISBN: 978-83-958472-8-8. Poznań: Polskie Wydawnictwo Ekonomiczne.
2. Małecka, J. (2020). Instrumenty rynku kapitałowego w zarządzaniu finansami mikro, małych i średnich przedsiębiorstw. Cechy przedsiębiorstwa a wybór źródła finansowania. ISBN: 978-83-958472-6-4. Poznań: Polskie Wydawnictwo Ekonomiczne.
3. Podstawka, M. (2017). Finanse. Instytucje, Instrumenty, Podmioty, Rynki, Regulacje. PWN
4. Jaworski, J., Wiśniewski, J. (2014). Finanse w Nowoczesnej Gospodarce. CeDeWu

Secondary literature
1. Małecka, J. (2018). Alternative Sources of Financing for SMEs in Poland in the Light of Empirical Research. Proceedings, Volume 2, EFERIC 2018. The 2nd Entrepreneurship and Family Enterprise Research International Conference. https://doi.org/10.3390/proceedings2241521 https://www.mdpi.com/2504-3900/2/24
2. Małecka, J. (2017). NewConnect as a Source of Financing form Small and Medium-Sized Enterprises. Proceedings Paper IMECS 2017, pp.: 540-552. Praha.http://imes.vse.cz/wp-content/uploads/2015/08/Conference_Proceedings_IMES_2017.pdf
3. Małecka, J. (2017). Alternative Securities Markets as Financing Sources for SMEs – Selected Aspects of AIM and NC. Contemporary Issues in Business, Management and Education 2017, 1-9 http://doi.org/10.3846/cbme.2017.072
4. Małecka, J. (2016). Alternative Securities Markets in Poland and the United Kingdom. Problemy Zarządzania vol.14, nr 4(63),t.1,pp:11-24. http://dx.doi.org/10.7172/1644-9584.63.1 WOS: 000400572200001
5. Łuczka, T. (2013), Makro- i mikroekonomiczne determinanty struktur kapitału w małych i średnich przedsiębiorstwach. Poznań: Wydawnictwo Politechniki Poznańskiej
6. Łuczka, T. (2015). Mikroekonomiczne determinanty struktury kapitału w małych i średnich przedsiębiorstwach. Determinanty związane z cechami przedsiębiorstwa. W A. Bielawska (red.), Uwarunkowania rynkowe rozwoju mikro, małych i średnich Przedsiębiorstw. Mikrofirma 2015, pp. 125-144. Szczecin: Wydawnictwo Naukowe Uniwersytetu Szczecińskiego

Breakdown of average student's workload

	Hours	ECTS
Total workload	30	1,00
Classes requiring direct contact with the teacher	20	0,70
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	10	0,30