**SYLLABUS TO THE SUBJECT/SYLABUS DO PRZEDMIOTU**

|  |  |
| --- | --- |
| Item Name/Nazwa przedmiotu | **Managerial economics** |
| Direction/Kierunek | **Management** |
| Form of study/Forma studiów | **Stationary** |
| Level of education/Poziom kształcenia | **Second degree** |
| Year/Rok | **1** |
| Semester/Semestr | **1** |
| Guide unit/Jednostka prowadząca | **Department of Economics, Investments and Real Estate** |
| Drafter/Osoba sporządzająca | Ing. Andrzej Skibiński PhD |
| Profile/Profil | **General academic** |
| Number of ECTS credits/Liczba punktów ECTS | **4** |

**TYPE OF CLASSES - NUMBER OF HOURS PER SEMESTER?RODZAJ ZAJĘĆ – LICZBA GODZIN W SEMESTRZE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lecture/Wykład | Exercise/Ćwiczenia | Laboratory/Laboratorium | Project/Projekt | Seminar/Seminarium |
| 15E | 30 |  |  |  |

**COURSE DESCRIPTION/OPIS PRZEDMIOTU**

**PURPOSE OF THE COURSE/CEL PRZEDMIOTU**

**C1.** Familiarizing students with issues related to the process of making managerial decisions in an enterprise.

**C2.** To familiarize students with the basic rules of making managerial decisions in the light of selected analyses.

**C3.** To familiarize students with decision-making under risk conditions and in selected market structures .

**PREREQUISITES FOR KNOWLEDGE, SKILLS AND OTHER COMPETENCIES/WYMAGANIA WSTĘPNE W ZAKRESIE WIEDZY, UMIEJĘTNOŚCI I INNYCH KOMPETENCJI**

1. The student has knowledge of basic issues in the field of microeconomics and corporate finance.

2. The student has general knowledge of basic issues in the field of statistics.

**LEARNING OUTCOMES/EFEKTY UCZENIA SIĘ**

**EU 1** – The student is able to characterize the basic rules of making managerial decisions based on marginal analysis, demand, supply, production and cost analyses.

**EU 2** – The student is able to demonstrate the specificity of making managerial decisions under conditions of risk and uncertainty.

**EU 3 –** The student is able to use economic analysis tools in considering different variants of managerial decisions.

**EU 4 –** The student is able to make basic characteristics of competition in various markets.

**CURRICULUM CONTENT/TREŚCI PROGRAMOWE**

|  |  |
| --- | --- |
| **Form of classes/Forma zajęć –LECTURE/ WYKŁADY** | **Number of hours/Ilość godzin** |
| **W 1** Introductory classes. Presentation of the principles of work in class. Presentation of subject literature, thematic issues to be covered during the lecture and exam conditions. | **1** |
| **W 2** Introduction to economic decision-making. | **1** |
| **W 3 - W 4** Decision-making and enterprise optimization based on marginal analysis. | **2** |
| **W 5 - W 6** Modeling and decisions based on the enterprise's demand and supply functions. | **2** |
| **W 7 - W 8** Enterprise decisions regarding costs. | **2** |
| **W 9 - W 10** Enterprise decisions under conditions of uncertainty and risk. | **2** |
| **In 11 - In 12.** The value of information. | **2** |
| **W 13 - W 14** Functioning of enterprises in various market structures. | **2** |
| **W 15** Summary of lecture sessions. | **1** |
| **Form of classes/Forma zajęć – EXERCISE/ĆWICZENIA** | **Number of hours/Ilość godzin** |
| **CW 1 – CW 2** Introductory classes. Presentation of the rules of work during classes. Presentation of subject literature, thematic issues to be covered during classes and conditions for passing | **2** |
| **CW 3 – CW 4** Introduction to the issue of making economic decisions | **2** |
| **CW 5 – CW 8** Decision-making and enterprise optimization based on marginal analysis. | **4** |
| **CW 9 – CW 12** Modeling and decisions based on the enterprise's demand and supply functions. | **4** |
| **CW 13 – CW 16** Cost-related business decisions | **4** |
| **CW 17 – CW 20** Corporate Decisions Under Uncertainty and Risk | **4** |
| **CW 21 – CW 22** The value of information | **2** |
| **CW 23 – CW 26** Functioning of enterprises in different market structures | **4** |
| **CW 27 – CW 28** Final test. | **2** |
| **CW 29 – CW 30** Summary of classes within the subject taught. Make-up test | **2** |

1. **DIDACTIC TOOLS/NARZĘDZIA DYDAKTYCZNE** Audiovisual equipment.
2. Blackboard, chalk, markers.
3. Case study content.
4. Manuals and scripts, thematic films.
5. E-learning platform.
6. Assignment forms.

**METHODS OF ASSESSMENT (F- FORMATIVE, P - SUMMATIVE)/SPOSOBY OCENY ( F – FORMUJĄCA, P – PODSUMOWUJĄCA**

F1. Project execution.

F2. Participation in discussions (activity during classes)

F3. Test.

P1. Credit based on partial grades obtained during the exercises

P2. Exam

**STUDENT WORKLOAD/OBCIĄŻENIE PRACĄ STUDENTA**

|  |  |  |
| --- | --- | --- |
| **Form of activity/Forma aktywności** | **Average hours to complete an activity/Średnia liczba godzin na zrealizowanie aktywności** | |
| **[h]** | **ECTS** |
| Contact hours with the teacher (lecture, exercise)/Godziny kontaktowe kontaktowe z nauczycielem (wykłady, ćwiczenia) | 45 | 1.8 |
| Preparing for the exercise/Przygotowanie do ćwiczeń | 16 | 0.64 |
| Preparing to the exam/ Przygotowanie do egzaminu | 16 | 0.64 |
| Reading the indicated literature/Zapoznanie się ze wskazaną literaturą | 16 | 0.64 |
| Exam/Egzamin | 2 | 0.08 |
| Consultations**/**Konsultacje | 5 | 0.2 |
| **TOTAL NUMBER OF ECTS POINTS FOR ITEM/SUMARYCZNA LICZBA PUNKTÓW ECTS DLA PRZEDMIOTU** | **100** | **4** |

**BASIC AND SUPPLEMENTARY LITERATURE/LITERATURA PODSTAWOWA I UZUPEŁNIAJĄCA**

**Basic Literature/Literatura podstawowa:**

1. Samuelson WF, Marks SG, Managerial Economics, PWE, Warsaw 2021.

2. Jankiewicz J. ( scientific ed .), Managerial economics - a set of tasks, Poznań University of Economics Publishing House, Poznań 2022.

3. Solek A., Optimal decisions in managerial economics tasks, Publishing House: University of Economics in Krakow, Krakow 2017.

4. Png Ivan, Lehman Dale, Managerial Economics, Wolters Kluwer, Warsaw 2013.

**Supplementary Literature/Literatura uzupełniająca:**

1. Skibiński A.(2021) Business Demography as a Source of Information about the Level and Dynamics of Entrepreneurship Development - Example of Selected EU Countries. Psychology and Education Vol. 58.

2. Bajor M., (2022) Selected Aspects of Electricity Consumption in Households, Zeszyty Naukowe Politechniki Częstochowskiej. Zarządzanie vol. 48.

3. Bajor M., (2020) Impact of Electricity Tariffs on Economic Balance of Households, [in:] Proceedings of the 3rd International Conference Contemporary Issues in Theory and Practice of Management (red.) Korombel Anna, Ławińska Olga, Okręglicka Małgorzata, Politechnika Częstochowska, Częstochowa.

4. Martiskova P., Waldhauserova T. , Skibiński A**.** (2022) Corporate Social Responsibility Activities as a Way of Creating Value for Consumers. Polish Journal of Management Studies Vol. 26.

5. Sipa M., Gorzeń-Mitka I, (2021) Assessment of the Progress towards the Management of Renewable Energy Consumption in the Innovativeness Context - a Country Approach, Energies, Vol. 14, Iss . 16, 2021.

6. Sipa M., (2019) What Factors Determine the Creativity of Employees? The Perspective of Entities with a Diversified Level of Innovation [in:] Education Excellence and Innovation Management through Vision (ed.) Soliman Khalid S., International Business Information Management Association, Norristown.

**INSTRUCTOR OF THE COURSE (NAME, SURNAME, E-MAIL ADDRESS)/PROWADZĄCY ZAJĘCIA (IMIĘ, NAZWISKO, ADRES E-MAIL)**

1. Andrzej Skibiński, andrzej.skibinski@pcz.pl

2. Mateusz Bajor, mateusz.bajor@pcz.pl

3. Monika Sipa, monika.sipa@pcz.pl

**MATRIX OF THE IMPLEMENTATION OF LEARNING OUTCOMES/MACIERZ REALIZACJI EFEKTÓW UCZENIA SIĘ**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Learning Outcome/Efekt uczenia się** | **Reference an effect to program-wide defined effects/ Odniesienie danego efektu do efektów zdefiniowanych dla całego programu** | **Course objectives/Cele przedmiotu** | **Curriculum content/Treści programowe** | **Teaching tools/Narzędzia dydaktyczne** | **Method of evaluation/Sposób oceny** |
| EU1 | K\_W02, K\_W06,  K\_U07, K\_K03 | C1, C2, C3 | W1-W8, W13-W15, C1-C16,  C23-C28 | 1, 2, 3, 4, 5, 6 | F1, F2, F3  P1, P2 |
| EU2 | K\_W02, K\_W06,  K\_U07, K\_K03 | C1, C2, C3 | W9-W12,  C17-C22, | 1, 2, 3, 4, 5, 6 | F1, F2, F3  P1, P2 |
| EU3 | K\_W02, K\_W06,  K\_U07, K\_K03 | C1, C2, C3 | W1-W15,  C1-C30 | 1, 2, 3, 4, 5, 6 | F1, F2, F3  P1, P2 |
| EU4 | K\_W02, K\_W06,  K\_U07, K\_K03 | C1, C2, C3 | W7- W8, W13 -W15, C13-C16, C23-C30 | 1, 2, 3, 4, 5, 6 | F1, F2, F3  P1, P2 |

**FORM OF ASSESSMENT - DETAILS/FORMY OCENY – SZCZEGÓŁY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Per grade 2/Na ocenę 2 | Per grade 3/Na ocenę 3 | Per grade 4/Na ocenę 4 | Per grade 5/Na ocenę 5 |
| **Effect 1/ Efekt 1** | The student possesses the knowledge and skills specified in this learning outcome to a degree of less than 60% of the points. | The student has knowledge  and skills specified in this learning outcome by achieving at least 60% of the points. | The student possesses the knowledge and skills specified in this learning outcome to a degree of less than 60% of the points. | The student has knowledge  and skills specified in this learning outcome by achieving at least 95 % of the points. |
| **Effect 2/**  **Efekt 2** | The student possesses the knowledge and skills specified in this learning outcome to a degree of less than 60% of the points. | The student has knowledge  and skills specified in this learning outcome by achieving at least 60% of the points. | The student possesses the knowledge and skills specified in this learning outcome to a degree of less than 60% of the points. | The student has knowledge  and skills specified in this learning outcome by achieving at least 95 % of the points. |
| **Effect 3/**  **Efekt 3** | The student possesses the knowledge and skills specified in this learning outcome to a degree of less than 60% of the points. | The student has knowledge  and skills specified in this learning outcome by achieving at least 60% of the points. | The student possesses the knowledge and skills specified in this learning outcome to a degree of less than 60% of the points. | The student has knowledge  and skills specified in this learning outcome by achieving at least 95 % of the points. |
| **Effect 4/**  **Efekt 4** | The student possesses the knowledge and skills specified in this learning outcome to a degree of less than 60% of the points. | The student has knowledge  and skills specified in this learning outcome by achieving at least 60% of the points. | The student possesses the knowledge and skills specified in this learning outcome to a degree of less than 60% of the points. | The student has knowledge  and skills specified in this learning outcome by achieving at least 95 % of the points. |

\*A 3.5 half grade is awarded in the case of full credit for the learning outcomes with a 3.0 grade, but the student has not fully absorbed the learning for a 4.0 grade. A half-grade of 4.5 is awarded in the case of full credit for the learning outcomes with a 4.0 grade, but the student has not fully assimilated the learning outcomes for a grade of 5.0./ \*Ocena połówkowa 3.5 jest wystawiana w przypadku pełnego zaliczenia efektów uczenia się na ocenę 3.0, ale student nie przyswoił w pełni uczenia się na ocenę 4.0. Ocena połówkowa 4.5 jest wystawiana w przypadku pełnego zaliczenia efektów uczenia się na ocenę 4.0, ale student nie przyswoił w pełni efektów uczenia się na ocenę 5.0.

**OTHER USEFUL INFORMAION ABOUT THE ITEM/INNE PRZYDATNE INFORMACJE O PRZEDMIOCIE**

Information where you can read presentations for classes, etc. - Information is provided during the first class and sent electronically to the addresses of individual dean’s groups./ Informacje, gdzie można zapoznać się z prezentacjami na zajęcia itp. - Informacje udzielane są podczas pierwszych zajęć i przesyłane drogą elektroniczną na adresy poszczególnych grup dziekańskich

Information on the place of classes - Information can be found on the website of the Faculty of Management and in the USOS system./ Informacja o miejscu zajęć – Informacje znajdują się na stronie internetowej Wydziału Zarządzania oraz w systemie USOS.

Information on the date of classes (day of the week/time) - Information can be found on the website of the Faculty of Management and in the USOS system./ Informacja o terminie zajęć (dzień tygodnia/godzina) – Informacje znajdują się na stronie internetowej Wydziału Zarządzania oraz w systemie USOS

Information about consultations (hours + place) - Information is given during the first classes, it is also available on the website of the Faculty of Management./ Informacje na temat  godzin i miejsca konsultacji znajdują się na stronie internetowej Wydziału Zarządzania oraz podawane są na pierwszych zajęciach ze studentami.