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| FACULTY: | Faculty of Economic Sciences |
| FIELD OF STUDY: | **Economics**  **Management**  **Tourism and Recreation**  **Finances and Accounting**  **Logistics** |
| ERASMUS COORDINATOR OF THE FACULTY: | Małgorzata Czerwińska-Jaśkiewicz |
| E-MAIL ADDRESS OF THE COORDINATOR: | malgorzata.czerwinska-jaskiewicz@tu.koszalin.pl |
| COURSE TITLE: | **Fundamentals of Finance** |
| LECTURER’S NAME: | **Agnieszka Moskal** |
| E-MAIL ADDRESS OF THE LECTURER: | agnieszka.moskal@tu.koszalin.pl |
| ECTS POINTS FOR THE COURSE: | ECTS 6 |
| COURSE CODE (USOS): | 0621>0800-PF |
| ACADEMIC YEAR: | 2024/2025 |
| SEMESTER: (W – winter, S – summer) | W |
| HOURS IN SEMESTER: | Lectures 30  Exercises 30 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 1st cycle |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | Lectures with the use of a multimedia presentation, student's independent work with literature, group discussion, problem-solving. |
| LANGUAGE OF INSTRUCTION: | * **English full time scheme for classes with 5 and more international Erasmus+ students enrolled/accepted;** * **English 50% individually with the teacher + Polish 50% with Polish students or individual project work- scheme for classes with less than 5 international Erasmus+ students enrolled/ accepted;** |
| ASSESSMENT METHOD:  (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | Lecture: written exam  Laboratory: graded credit; two tests (problems to solve, open-ended questions, one-choice questions, true/false questions). The final grade is composed of the total points obtained from tests, group work, individual and group activity assessed during classes. |
| COURSE CONTENT: | Lecture  1) Introduction to finance.  2) Elements of corporate finance, public finance, household finance, commercial bank finance, and economic and social insurance.  3) Subject (functional) classification of financial flows.  4) Theoretical definition of money and its characteristics and functions.  5) Empirical definition of money: monetary aggregates and money supply. Time value of money.  6) Money issuance and creation. Monetary policy by monetary authorities. Interest rate and structure of interest rates.  7) Mechanism of transforming savings into investments.  8) Market financial system and its structure.  9) Public financial system and its structure.  10) Functions, classification, and functioning of capital markets.  Exercises  1) Introduction to the study of finance.  2) Changes in the value of money over time. Present value and future value. Simple interest and compound interest.  3) Interest rate. Components of interest rates, forward rate, and structure of forward interest rates. Yield curve and its interpretation.  4) Evaluation of investment projects profitability. Rate of return – simple, effective, logarithmic. Internal rate of return. Net present value - NPV.  5) Written test.  6) Income and income rate.  7) Exchange rate. Direct and indirect quotation. Types of exchange rates. Purchasing power parity.  8) Risk and its measurement.  9) Capital transfer instruments in the financial market and their valuation. Debt instruments and their valuation. Equity instruments and their valuation. Money market instruments and capital market instruments.  10) Risk transfer instruments. Derivative instruments and their types.  11) Review and passing exercises. |
| ADDITIONAL INFORMATION: |  |

Agnieszka Moskal, 17.05.2024

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