ERASMUS+
EU programme for education, training, youth and sport

Incoming student mobility

Name of UNIOS University Unit:

COURSES OFFERED IN FOREIGN LANGUAGE FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS

Department or Chair within the UNIOS Unit	Department for Organization, Technology and Menagment

Study program	Undergraduate university study programme

Study level (bachelor/master)	bachelor

Course title	Engineering economics
Course code (ISVU)	254811
Language of instruction	English
Course content	Overview of the legal framework relevant to construction business, with emphasis on the National Classification of Activities, the Companies Act and the Crafts Act (available legal forms of business, establishment, changes in registration and liquidation). Basic economic concepts – economics with a division into microeconomics and macroeconomics, model approach in economics, market supply and demand, market equilibrium and structure. Means of work, objects of work and work in the reproduction process. Business assets, depreciation and maintenance. Division of costs, primarily according to the possibility of distribution to cost carriers, according to the totality and according to the degree of capacity utilization. Capacity, break-even point of profitability and economies of scale. Calculation, factor, cost price and selling price. Analysis of basic financial reports of the company (balance sheet and profit and loss account) and performance indicators. Financial literacy – skills and knowledge for making personal financial decisions and managing one's own budget. Tax system with emphasis on VAT, profit tax and income tax. Bankruptcy. Introduction to management – basics of planning, organizing, controlling, human resources management and leadership. Introduction to marketing – needs and desires of potential customers and their satisfaction through marketing strategy and 4P. Entrepreneurship. Fundamentals of quality management. Basic macroeconomic concepts – inflation, unemployment rate, GDP.

Prerequisites for enrolment (if any)	None
Learning outcomes	1. to use acquired knowledge regarding various legal possibilities of registration and termination of companies and crafts 2. to explain the laws of supply and demand in the market 3. to discuss the concept of the reproduction cycle 4. to analyze direct and indirect costs 5. to calculate the cost price and selling price 6. to corelate capacity and break-even point 7. to distinguish financial categories: assets, capital, liabilities, income, expenses and profit 8. to interpret basic macroeconomic indicators
Basic Literature	Professor's lectures
Additional Literature	- Katavić Mariza: Osnove ekonomike za graditelje - Grubišić Dragana: Poslovna ekonomija - Čulo Ksenija: Ekonomika investicijskih projekata - Medanić Barbara: Management u građevinarstvu - Blank Leland, Tarquin Anthony: Engineering economics https://www.hzu.edu.in/engineering/engineering%20economy.pdf - Panneerselvam R.: Engineering Economics https://www.academia.edu/35775332/Engineering_Economics_by_Panneer_Selvam_pdf
Form of teaching	lectures, seminars and workshops, individual assignments, fieldwork
Form of assessment	colloquiums, seminars and awarded activities
Number of ECTS	5
Class hours per week	2 (lectures) + 2 (practical work)
Period of realization (summer/winter semester)	Summer semester
Teacher(s) + Email address	Ivana Sandrk Nukic, isandrknukic@gfos.hr
Assistant(s) + Email address(es)	-