

Faculty of Civil Engineering // MANAGEMENT OF CONSTRUCTION COMPANIES

Course:	MANAGEMENT OF CONSTRUCTION COMPANIES			
Course ID	Course status	Semester	ECTS credits	Lessons (Lessons+Exercises+Laboratory)
12020	Mandatory	3	5	3+1+1
Programs				
Prerequisites	None			
Aims	Learning on theory of system and on the company like the managerial business system, forms of organization and functioning, of company services, direction of finance management indicators			
Learning outcomes	After passing this exam, the student will be able to: Practically apply acquired knowledge in the field of management and actively participate in managing a construction company. Master the fundamentals of systems theory and apply it practically to the construction company as a manageable business system. Be familiar with management models, financial management, and departments in construction contracting companies. Apply acquired knowledge directly in all departments of the construction company.			
Lecturer / Teaching assistant	Dr Miloš Knežević-professor			
Methodology	Lectures, exercises, consultations, site visit.			
Plan and program of work				
Preparing week	Preparation and registration of the semester			
I week lectures	Introduction. Basic concepts from the theory of system and management of system.			
I week exercises	Introduction. Basic concepts from the theory of system and management of system.			
II week lectures	System engineering. Construction company like managerial business system and its surroundings.			
II week exercises	System engineering. Construction company like managerial business system and its surroundings.			
III week lectures	Definition and company division. Vision, mission and aims of the company.			
III week exercises	Definition and company division. Vision, mission and aims of the company.			
IV week lectures	Company foundation. Forms and proprietary structure (business company, capital association, public company, holding)			
IV week exercises	Company foundation. Forms and proprietary structure (business company, capital association, public company, holding)			
V week lectures	Connections of the building company with body of the state government and authorities and other institutions and organizations. Specialized firms or institutions (town planning, space planning, site ...			
V week exercises	Connections of the building company with body of the state government and authorities and other institutions and organizations. Specialized firms or institutions (town planning, space planning, site ...			
VI week lectures	FREE WEEK			
VI week exercises	FREE WEEK			
VII week lectures	I TEST			
VII week exercises	I TEST			
VIII week lectures	Functions of the construction company (production and preparation, marketing, business negotiations, research and development. Planning and control, finance, accounting, book-keeping, administrative and staff service, function of quality			
VIII week exercises	Functions of the construction company (production and preparation, marketing, business negotiations, research and development. Planning and control, finance, accounting, book-keeping, administrative and staff service, function of quality			
IX week lectures	Organs and organizational structure of construction company. Business units (building, sites, production plants, presentations).			
IX week exercises	Organs and organizational structure of construction company. Business units (building, sites, production plants, presentations).			
X week lectures	Finance management, indicators of business success (balance of state, balance of success), revision of accounting data.			
X week exercises	Finance management, indicators of business success (balance of state, balance of success), revision			

	of accounting data.					
XI week lectures	Marketing in construction company.					
XI week exercises	Marketing in construction company.					
XII week lectures	SWOT analysis of the construction company.					
XII week exercises	SWOT analysis of the construction company.					
XIII week lectures	Benchmarking of construction company.					
XIII week exercises	Benchmarking of construction company.					
XIV week lectures	Re-engineering of business processes in construction company.					
XIV week exercises	Re-engineering of business processes in construction company.					
XV week lectures	II TEST					
XV week exercises	II TEST					
Student workload	Weekly 6 credits x 40/30 = 8 Total workload for the course 6.0x30 = 180 hours					
Per week			Per semester			
5 credits x 40/30=6 hours and 40 minuts 3 sat(a) theoretical classes 1 sat(a) practical classes 1 excercises 1 hour(s) i 40 minuts of independent work, including consultations			Classes and final exam: 6 hour(s) i 40 minuts x 16 =106 hour(s) i 40 minuts Necessary preparation before the beginning of the semester (administration, registration, certification): 6 hour(s) i 40 minuts x 2 =13 hour(s) i 20 minuts Total workload for the subject: 5 x 30=150 hour(s) Additional work for exam preparation in the preparing exam period, including taking the remedial exam from 0 to 30 hours (remaining time from the first two items to the total load for the item) 30 hour(s) i 0 minuts Workload structure: 106 hour(s) i 40 minuts (courses), 13 hour(s) i 20 minuts (preparation), 30 hour(s) i 0 minuts (additional work)			
Student obligations			Attendance at lectures and exercises, completed seminar paper.			
Consultations			Throughout the semester continuously			
Literature			basic: Novaković, V., Menadžment u savremenom građevinarstvu, Izgradnja, Beograd, 2003. Đuranović, P., Upravljanje građevinskim projektima, Građevinski fakultet, Podgorica, 2006. Prašćević, Ž. Osnovi sistemskog inženjerstva, Građevinski fakultet, Beograd, 2008. Dutina, V., Menadžment građevinskih preduzeća, FTN, Kosovska mitrovica, 2006. dopunska: Mašić, B., Strateški menadžment, Univerzitet «Braća Karić», Beograd, 2001. Đuranović. P., Organizacija građenja, Građevinski fakultet, Podgorica, 1995. Čirović, G., Reinženjering poslovnih procesa, Građevinski fakultet, Beograd, 1999. Kovačević, D., Menadžment preduzeća, Energoprojekt,1998			
Examination methods			- attendance at lectures : 20 points - 2 preliminary exams: 30 points - final exam : ≤ 50 points - sufficient mark is got if you collect 51 points.			
Special remarks			Exercies are (V) performed for the groups up to 20 students. If it is necessary, teaching courses can be performed in English. Presented materials at the lectures will be realized in practice in exercises. Each student will defense seminar paper on manag			
Comment			Further information can be got at the course teacher, manager of study program and at vice-dean of teaching courses..			
Grade:	F	E	D	C	B	A
Number of points	less than 50 points	greater than or equal to 50 points and less than 60 points	greater than or equal to 60 points and less than 70 points	greater than or equal to 70 points and less than 80 points	greater than or equal to 80 points and less than 90 points	greater than or equal to 90 points