

COURSE		BASICS OF CIVIL ENGINEERING		
LECTURER		Asoc. prof. Samir Dolarević Ph.D.		
STUDY	STATUS	SEMESTER	NUMBER OF LESSONS L+E	ECTS
B - CE	Compulsory	1	1+0	1
OBJECTIVES				
<ul style="list-style-type: none"> ☐ Introduce students with the history of construction, types and purpose of buildings. ☐ Clarify the basic dilemmas about the profession of a civil engineer. ☐ Explain the tasks performed by a civil engineer. ☐ The student should create a basic picture of the content and organization of studies at the Faculty of Civil Engineering. 				
COURSE CONTENT				
<ul style="list-style-type: none"> ☐ Kratak pregled povijesti/historije graditeljstva, značajne građevine kroz vijekove, pregled osnovnih načina gradnje obzirom na primjenjene materijale i koncepciju građevine. ☐ Podjela građevina prema njihovoj namjeni, visokogradnja i niskogradnja; zgrade, infrastrukturni i industrijski objekti; hidrotehničke građevine, ceste i željeznice, mostovi i tuneli, primjeri, ☐ Poziv građevinskog inženjera, koje poslove tradicionalno obavljaju građevinski inženjeri, savremene perspektive, saradnja sa drugim strukama, ostvarenje osnovnog zadatka građevinskog inženjera: uspješna realizacija neke građevine ☐ Sposobnosti građevinskog inženjera: racionalnost, estetika, ekonomičnost, timski rad ☐ Studij građevinarstva na Građevinskom fakultetu u Sarajevu. Plan i organizacija studija. Organizacija studija, predavanja, vježbe, programi/zadaci/ ispiti. Odsjeci, katedre i instituti fakulteta, odsjeka studija i primjena u praksi. ☐ A brief overview of the history of construction, significant buildings throughout the centuries, a review of the basic modes of construction with regard to the applied materials and the conception of the building. ☐ Division of buildings according to their purpose, construction and civil engineering; buildings, infrastructure and industrial facilities; hydraulic structures, roads and railways, bridges and tunnels, examples ☐ Civil engineers, traditionally tasks in construction, contemporary perspectives, cooperation with other professions, realization of the basic task of civil engineers: successful realization of a building ☐ Ability of a civil engineer: rationality, aesthetics, economics, teamwork ☐ Study of Civil Engineering at the Faculty of Civil Engineering in Sarajevo. Plan and organization of studies. Organization of studies, lectures, exercises, programs / tasks / exams. Departments, Chairs and Institutes of the Faculty, Department of Studies and Application in Practice. 				
RECOMMENDED LITERATURE				
<ul style="list-style-type: none"> ☐ Lectures 				
<p>Način polaganja ispita: No exam.</p>				