

Subject Title: Construction Management

Course Basic Information			
Academic Unit:	Faculty of Civil Engineering		
Course Name:	Construction Management		
Level:	Master		
Course Status:	Mandatory		
Year of Study:	1st year, II - semester		
Number of Hours per Week:	4(2+2)		
ECTS Credits:	6		
Time /Venue:	According to the timetable		
Course Teacher:	Prof.ass.Dr. Esat Gashi		
Contact Details:	e-mail: esat.gashi@uni-pr.edu		
Course Description			
Course Description	Management of construction contract from the bidding, tendering stage, including site planning, construction itself, Quality Control, financial part, human and material resources for completion of one project within the time, budget and scope of works.		
Course Objectives:			
Course Objectives:	Understanding of the construction process from point of planning, cost, resources, materials and project finances.		
Learning Outcomes:			
Learning Outcomes:	<p>After completion of this course the Student will be able to understand:</p> <ol style="list-style-type: none"> 1. Principles of the Construction Management starting from early stages of one project such as feasibility and resource planning. 2. Another important element of this course is knowledge which student/future Engineer will gain on project scheduling and follow up of such plans during the construction, 3. Enabling students for preparing the tender dossier, bid preparation, knowledge about the technical specification and understanding of the project finance. 		
Student Workload (Consistent with the Learning Outcomes)			
Activity	Hours	Day/ Week	Total
Lectures	2	15	30
Theory/ Lab Work	2	15	30
Practical Work			
Contact Hours with Teacher /Consultations during Office Hours	1	10	10
Field Work	2	10	20
Colloquium, Seminars	2	15	30
Homework			
Self-study Time (in the Library or at Home)	1	5	15
Final Exam Preparation	3	5	15
Evaluations (Tests, Quiz, Final exam)	3	1	3

Projects, Presentations, etc.	2	1	2
Total			155
Teaching Methodology:	<i>Lecturing, exercises, and fieldwork</i>		
Evaluation Methods:	<ul style="list-style-type: none"> • <i>Evaluation of the students capability for resolving of case studies,</i> • <i>Presentation of the finding from field work in correlation with theoretical knowledge,</i> • <i>Participation during the lecturing and exercise hours,</i> • <i>Evaluation of final exam which is divided in two parts, project problem solving and discussion of case studies.</i> 		
Basic Literature:	<ol style="list-style-type: none"> 1. <i>Gashi E, Construction Management (working book) 2015,</i> 2. <i>Proposed Literature: Rodiqi I Menaxhimi i Ndertimit 2004,</i> 		
Additional Literature:	<ol style="list-style-type: none"> 3. <i>Halpin W. Daniel Construction Management, fifth edition John Wiley & Sons, Oct 18, 2014</i> 		

Course Plan:	
Week	Title of the Lecture
Week 1:	<i>Introduction with the subject and general and particular notions and abbreviations.</i>
Week 2:	<i>Project investment and stages of preparation of the project documentation.</i>
Week 3:	<i>Tendering/ bid and contract preparation and signature of construction projects.</i>
Week 4:	<i>Standards and norms in construction Engineering</i>
Week 5:	<i>Project scheduling and planning, methods and project programme.</i>
Week 6:	<i>Gant charts, critical path method and Perth method of scheduling and planning.</i>
Week 7:	<i>Construction Management Theory</i>
Week 8:	<i>Financial estimation and project follow up from financial point of view, project invoices and financial closure of construction project.</i>
Week 9:	<i>Construction project resources.</i>
Week 10:	<i>Site works and technique</i>
Week 11:	<i>Project quantities</i>
Week 12:	<i>Preparation and implemation of the site works including preparation of design details for implementation.</i>
Week 13:	<i>Quality Assurance and Quality control of construction Projects</i>
Week 14:	<i>Project reporting</i>
Week 15:	<i>Project closure, provisional and final handover of a construction site.</i>

Academic Policies and Rules of Civility:
<p><i>Rules of conduct:</i></p> <ol style="list-style-type: none"> 1. <i>Regular attendance during lectures and exercises is compulsory,</i> 2. <i>Following up general faculty ruling and peace,</i> 3. <i>Turning of mobile phones during classes,</i> 4. <i>Entering in to the classrom on time,</i> 5. <i>The student has no right to be apsent more than 3 class hours during the semester without justification.</i>

6. Prepration and conducting the case studies in line with theortitical knowledge and presentation the findings in class. Students who have prepared and presented during the classes and pass the exam complete the subject duties and will be granted with passing grade.