



## SYLLABUS CONTENT

### 1. Program information

1.1	Higher Education Institution	Technical University of Cluj-Napoca
1.2	Faculty	Civil Engineering
1.3	Department	Civil Engineering and Management
1.4	Field of study	Civil Engineering
1.5	Cycle	Graduation
1.6	Study program/Qualification	Civil Engineering
1.7	Type of education	IF – învățământ cu frecvență
1.8	Syllabus code	48.00

### 2. Syllabus information

2.1	Syllabus name		Practice								
2.2	Subject area		Civil Engineering								
2.3	Course official		Assoc. Prof. Eng. PhD Livia Anastasiu								
2.4	Syllabus holder		Assoc. Prof. Eng. PhD Livia Anastasiu								
2.5	Year of study	III	2.6	Semester	II	2.7	Evaluation	Colloquium	2.8	Syllabus type	DOB

### 3. Total estimated time

An/ Sem	Name of discipline	Nr. sapt.	Course			Curs	Applic.			Stud. Ind.	TOTAL	Credit
			[hours/week]				[hours/week]					
			S	L	P		S	L	P			
III/2	Practice	3	0			30	0	90		14	104	4

3.1	Numar de ore pe saptamina	30	3.2	din care curs	0	3.3	Practice	30
3.4	Total ore din planul de inv.	90	3.5	din care curs	0	3.6	Practice	90
Studiul individual								Ore
Studiul dupa manual, suport de curs, bibliografie si notite								0
Documentarea suplimentara in biblioteca, pe platformele electronice si pe teren								0
Pregatire seminarii/laboratore, teme, referate, portofolii, eseuri								0
Tutoriat								8
Examinari								6
Alte activitati								-
3.7	Total ore studiul individual	14						
3.8	Total ore pe semestru	90						
3.9	Numar de credite	4						

### 4. Prerequisite (where it's necessary)

4.1	Curriculum	Not necessary
4.2	Competencies	Not necessary

### 5. Conditions (where it's necessary)

5.1	Course	Not necessary
5.2	Applications	Not necessary

### 6. Specific competencies



Professional competencies	Theoretical competencies (What he/she has to know)	<ul style="list-style-type: none"> <li>- to acquire basic notions of management in constructions</li> <li>- to acquire basic notions of technologies in constructions</li> <li>- to acquire theoretical notions of civil engineering</li> <li>- to acquire techniques of delivering a pre-estimation</li> <li>- to understand drawings and construction details</li> </ul>
	Acquired skills: (What he/she learned)	After studying the discipline, the students will be able: <ul style="list-style-type: none"> <li>- to understand the technological processes of the construction works</li> <li>- to understand the functions of the equipment in constructions</li> <li>- to know the materials used in the construction process</li> <li>- to understand the way a site construction is organized</li> </ul>
	Acquired abilities: (What instruments can handle)	After performing the practice, the students will be able: <ul style="list-style-type: none"> <li>- to adapt to the company's organizational culture</li> <li>- to be able to work in teams</li> <li>- to adapt to the construction site schedule</li> </ul>
Transversal competencies	After performing the practice, the students will be able to provide solutions to optimize the activities.	

### 7. Syllabus objectives (coming from the grid of acquired specific competences)

7.1	General objective	Developing competencies regarding the activities in a construction organization
7.2	Specific objectives	Practical approach of theory

### 8. Content

8.1. Course (analytical syllabus)		Teaching methods	Observations
1	Site presentation		
2	Company's departments presentation		
3	Materials and equipment presentation		
4	Safety norms presentation		



8.2. Applications (seminary/project)		Teaching methods	Observations
1	Distribution of students in specialized teams	Practice	
2	Involving students in teams activities		
3	Allocation of tasks and responsibilities according to students' competencies		
4	Preparing the practice file		

## Bibliography:

ANASTASIU L. – *Managementul lucrărilor de construcții (II)- Note de curs*  
 ANASTASIU L. – *Managementul lucrărilor de construcții (II)- Îndrumător de laborator*  
 Andreica M., Stoica M., Luban F. – *Metode cantitative în management*, Ed. Economică, 1998  
 Gavrilă T. – *Managementul general al firmei, studii de caz*, Ed. Economică, 2004  
 Hossu T., Alexe, Blaga – *Managementul firmelor de constructii*, Casa cărții de știință, 2001  
 Cole G. A. – *Management, Teorie și practică*, Ed. Știința, 2004  
 Lessel W. – *Managementul proiectelor, Cum să planificăm eficient proiecte*, Ed. All, 2007

9. Corroborating the content of the syllabus with the expectations of the epistemic community representatives, professional associations and employers belonging to the program area

The acquired competences will serve the employees who will work in design or manufacturing companies in constructions (site or supply).

## 10. Evaluation

Type of activity	10.1	Evaluation criteria	10.2	Evaluation methods	10.3	Ratio on the final mark
Practice		Presentation of the practice file		Presentation – 0.5 h		100%
10.4 Minimum standards of performance						
Description of the site activity.						

Date of completion  
Sept. 2016

Responsible with the discipline  
Assoc.prof. PhD Livia ANASTASIU

Responsible with the course  
Assoc.prof. PhD Livia ANASTASIU

Approval in the dept.  
Sept. 2016

Chief of department  
Assoc.prof. PhD Claudiu ACIU