


FIȘA DISCIPLINEI
1. Date despre program

1.1	Institutia de invatamint superior	Technical University of Cluj-Napoca
1.2	Facultatea	Civil Engineering
1.3	Departamentul	Civil Engineering and Management
1.4	Domeniul de studii	Civil Engineering
1.5	Ciclul de studii	Licence
1.6	Programul de studii/Calificarea	Civil Engineering
1.7	Forma de invatamint	IF – învățământ cu frecvență
1.8	Codul disciplinei	22.00

2. Date despre disciplina

2.1	Denumirea disciplinei	Management and administration of construction works (I)									
2.2	Aria tematica (subject area)	Civil Engineering									
2.3	Responsabili de curs	Assoc. Prof. Eng. PhD Livia ANASTASIU									
2.4	Titularul disciplinei	Assoc. Prof. Eng. PhD Livia ANASTASIU									
2.5	Anul de studii	II	2.6	Semestrul	I	2.7	Evaluarea	Colocviu	2.8	Regimul disciplinei	DOB

3. Timpul total estimat

An/ Sem	Denumirea disciplinei	Nr. sapt.	Curs			Aplicații			Stud. Ind.	TOTAL	Credit		
			[ore/săpt.]			[ore/sem.]							
				S	L	P		S				L	P
II/1	Management and administration of construction works (I)	14	2		1		28		14		36	78	3

3.1	Numar de ore pe saptamina	3	3.2	din care curs	2	3.3	aplicatii	1
3.4	Total ore din planul de inv.	42	3.5	din care curs	28	3.6	aplicatii	14
Studiul individual								Ore
Studiul dupa manual, suport de curs, bibliografie si notite								10
Documentara suplimentara in biblioteca, pe platformele electronice si pe teren								10
Pregatire seminarii/laboratore, teme, referate, portofolii, eseuri								5
Tutoriat								9
Examinari								2
Alte activitati								-
3.7	Total ore studiul individual	36						
3.8	Total ore pe semestru	42						
3.9	Numar de credite	3						

4. Preconditii (acolo unde este cazul)

4.1	De curriculum	Nu este cazul
4.2	De competente	Nu este cazul

5. Conditii (acolo unde este cazul)

5.1	De desfasurare a cursului	Nu este cazul
5.2	De desfasurare a aplicatiilor	Nu este cazul

6 Competente specifice acumulate



Competențe profesionale	Cunoștințe teoretice, (Ce trebuie să cunoască)	<ul style="list-style-type: none"> - to understand the importance of management in constructions - to understand the management`s functions - to understand the importance of estimation in construction projects - to understand the importance of norms in constructions
	Deprinderi dobândite: (Ce știe să facă)	After studying the discipline, the students will be able: <ul style="list-style-type: none"> - to prepare a feasibility study - to use the norms for price estimation - to estimate the resources for a construction project
	Abilități dobândite: (Ce instrumente știe să mănuiască)	After studying the discipline, the students will be able: <ul style="list-style-type: none"> - to make a project estimation using INTELISOFT - to make a price analyse - to optimize the costs of a construction project
Competențe transversale	Team work	

7 Obiectivele disciplinei (reiesind din grila competentelor specific acumulate)

7.1	Obiectivul general al disciplinei	Developing the competencies regarding the price estimation in constructions
7.2	Obiectivele specifice	Accomplishing theoretical knowledges concerning price estimation in constructions.

8. Continuturi

8.1. Course (programa analitica)		Metode de predare	Observatii
1	Introduction to management in constructions	Interactive Projector	
2	The investment process: phases, parties, pre-feasibility study		
3	The feasibility study, aprovals, agreements, planning certificate		
4	Technical project for the construction works. Building approval.		
5	Public works bidding.		
6	Economic documentation for construction works. Particularities of prices in constructions.		
7	Phases in forming the price for construction works. Estimate norms indicators. Corrected norms. Local norms.		
8	Pre-estimation. List of quantities. Resources lists.		
9	Unit prices for estimation articles: materials, workforce, equipment		
10	Evaluations for transport costs, manual or mechanized handling of materials. Alternative methods for estimation unit prices.		
11	Estimations in construction works. Estimations softs: INTELISOFT.		
12	Workforce norms: deffinition, types, time and production norms.		
13	The structure of the norms. Gouvernamental norms. Local norms.		
14	Combined norms		
8.2. Applications (seminar/lucrari/proiect)		Metode de	Observatii



		predare	
1	Subject presentation: economic documentation for a building	Application	
2	List of activities. Technological report	Application	
3	Framing the activities in the estimation indicators	Application	
4	Developing the pre-estimation	Application	
5	Developing the pre-estimation	Application	
6	Developing the pre-estimation	Application	
7	Presentation of the work	Application	

Bibliografie

 Anastasiu, L., – *Course notes*

 Chiorean, T., – *Prețul lucrărilor de construcții*, UTPress 2004, Cluj-Napoca

 Hossu, T. și colectiv, – *Managementul firmelor de construcții*, UTPress 2002, Cluj-Napoca

9. Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunității epistemice, asociațiilor, profesionale și angajatori din domeniul aferent programului

The acquired competences will help the employees who work in design or execution companies (site works or supplying).

10. Evaluare

Tip activitate	10.1	Criterii de evaluare	10.2	Metode de evaluare	10.3	Ponderea din nota finala
Course		Solving 2 theory subjects		Written exam – 2 h		60%
Application		Mark for project				20%
Presence		Course presence				20%
10.4 Standard minim de performanta						
Solving 2 theory subjects						

Data completării

Oct 2017

Titularul de Disciplină

Assoc. Prof. Eng. PhD Livia ANASTASIU

Responsabil de curs

Assoc. Prof. Eng. PhD Livia ANASTASIU

Data avizării în departament

Oct 2017

Director departament

Assoc. Prof. Eng. PhD Claudiu ACIU