

SYLLABUS

1. Data about the program of study

1.1	Institution	The Technical University of Cluj-Napoca
1.2	Faculty	Faculty of Civil Engineering
1.3	Department	Constructii civile si management
1.4	Field of study	Civil Engineering
1.5	Cycle of study	Bachelor of Science
1.6	Program of study/Qualification	Civil, Industrial and Agricultural Buildings /Engineer (English language)
1.7	Form of education	Full time
1.8	Subject code	17.0

2. Data about the subject

2.1	Subject name				General Economy						
2.2	Course responsible/lecturer				Sl. Dr. Ing Istoan Raluca; raluca.istoan@ccm.utcluj.ro						
2.3	Teachers in charge of seminars				Sl. Dr. Ing Istoan Raluca; raluca.istoan@ccm.utcluj.ro						
2.4	Year of study	1	2.5	Semester	2	2.6	Assessment	E	2.7	Subject category	DC/DI

3. Estimated total time

3.1	Number of hours per week	2	3.2	of which, course:	1	3.3	applications:	
3.4	Total hours in the curriculum	28	3.5	of which, course:	14	3.6	applications:	
Individual study								hours
Manual, lecture material and notes, bibliography								8
Supplementary study in the library, online and in the field								4
Preparation for seminars/laboratory works, homework, reports, portfolios, essays								3
Tutoring								5
Exams and tests								2
Other activities								0
3.7	Total hours of individual study	22						
3.8	Total hours per semester	50						
3.9	Number of credit points	2						

4. Pre-requisites (where appropriate)

4.1	Curriculum	Not applicable
4.2	Competence	Not applicable

5. Requirements (where appropriate)

5.1	For the course	Room equipped with a whiteboard and multimedia facilities (projector, laptop). Students are asked to keep their mobile phones off during lectures and avoid phone conversations or leaving the classroom for calls. Some activities within the courses can also be carried out through site visits.
5.2	For the applications	Room equipped with a whiteboard and multimedia facilities (projector, laptop). Some activities within the applications can also be carried out through site visits.

6. Specific competences

Professional competences	<p>Selection formulation and operation in professional communication with basic concepts, theories, methods and principles of economy.</p> <p>After covering the course topic the students will be able to: understand the importance of economy in constructions, understand the importance of the investment activity, understand the importance of regulations in constructions,</p> <p>Apply basic principles and methods for planning, scheduling, and managing companies under qualified assistance.</p> <p>After studying the discipline, the students will be able to: exercise analytical thinking, determine the structure of the investment process, design a business plan, apply the legislation in construction</p>
Cross competences	<p>CT1 Applying responsibly the principles, norms and values of professional ethics in carrying out the professional tasks and identifying the objectives to be achieved, the available resources, the stages of work, the execution times, the implementation deadlines and the related risks.</p> <p>CT2 Identifying roles and responsibilities in a multidisciplinary team and applying effective relationship and work techniques within the team.</p>

7. Discipline objectives (as results from the *key competences gained*)

7.1	General objective	Learning the regulations in constructions and developing a business plan for a construction project
7.2	Specific objectives	Make decisions in an investment process

8. Contents

8.1. Lecture (syllabus)	Teaching methods	Notes
1. Economy in constructions – definition, features, concepts, business, organization, enterprise, globalization	-	-
2. The investment activity: definitions, roles, the investment process`s steps, criteria		
3. Criteria on classifying the investments, the investment`s expenses structure + examples		
4. Means and resources in the construction activity		
5. Costs in constructions		
6. The analysis of the economical-financing activity in construction companies		
7. Romanian and international legislation in constructions		
Bibliography		
--Course notes		
--Codul Amenajării Teritoriului, Construcțiilor și Urbanismului		
--Charpentier, P., Deroy, X., Uzan, O., Organizarea și gestionarea întreprinderii, Ed. Economică, București, 2006		
--Porter, M., Despre concurență, Ed. Meteor Press, București, 2008		
--Șandru, D., Societățile comerciale în Uniunea Europeană, Ed. Universitara, București, 2008.		
--Law 10 /1995 privind calitatea în construcții - actualizată		
--Law 163/2016 pentru modificarea si completarea Legii 10/1995		
--Bogdan Glăvan și Mihai-Vladimir Topan, Economia pe înțelesul tuturor – curs complet de inițiere în economie, available https://mises.ro/1193/economia-pe-in-elesul-tuturor-curs-complet-de-ini-iere-in-economie		

8.2 Seminar / laboratory / project	Teaching methods	Notes
Economy basis	-	-
Economic systems		
Type of businessman, Corporations and economic policy		
Economy of the public sector		
Economy of the private sector		
Bibliography Codul Amenajării Teritoriului, Construcțiilor și Urbanismului Charpentier, P., Deroy, X., Uzan, O., Organizarea și gestionarea întreprinderii, Ed. Economică, București, 2006 Porter, M., Despre concurență, Ed. Meteor Press, București, 2008 Bogdan Glăvan și Mihai-Vladimir Topan, Economia pe înțelesul tuturor – curs complet de inițiere în economie, available https://mises.ro/1193/economia-pe-in-elesul-tuturor-curs-complet-de-ini-iere-in-economie		

9. Bridging course contents with the expectations of the representatives of the community, professional associations and employers in the field

The contents of the course cover fundamental themes which ensure the familiarization of the students with the subject specific to the discipline.

The content of the discipline is addressed in an interdisciplinary way so as to stimulate the initiative, independence in thinking, critical analysis and creative thinking, which underlie the training of students for the necessary competences in the scientific research in the field, the professional and transversal competencies necessary for the graduates to efficient and creative solve the problems and new working situations.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
10.4 Course	Theory questions	Assessment methods may vary depending on how students develop and engage with the subject: Written exams	70 %
10.5 Applications	Formative assessment	Assessment methods may vary depending on how students develop and engage with the subject: Essays or written assignments; Project work (individual or group); Presentations, Written exams etc.	30 %
10.6 Minimum standard of performance a) Eligibility criteria for taking the exam: Attendance at practical/lab sessions, in accordance with the Student Academic Activity Regulations and the ECTS system. Laboratory grade must be ≥ 5 . b) Final grade calculation formula: $F_{grade} = 0.7Teory + 0.3 Laboratory$ Passing condition: $F_{grade} \geq 5$			
10.6 Minimum performance standard			

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Date of filling in:		Title Surname Name	Signature
	Lecturer	Sl.dr. Ing. Istoan Raluca	
	Teachers in charge of application	Sl.dr. Ing. Istoan Raluca	

Date of approval in the department	Head of department
20/06/2025	Conf.dr.ing. Claudiu ACIU
Date of approval in the faculty	Dean
25/06/2025	Prof.dr.ing Daniela MANEA