

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	51.2

2. Data about the subject

2.1	Subject name				Finisaje traditionale si moderne						
2.2	Course responsible/lecturer				Conf.Dr.Arh. Moldovan Ioana Madalina-Ioana.MURESANU@ccm.utcluj.ro						
2.3	Teachers in charge of seminars				Conf.Dr.Arh. Moldovan Ioana Madalina-Ioana.MURESANU@ccm.utcluj.ro						
2.4	Year of study	3	2.5	Semester	2	2.6	Assessment	C	2.7	Subject category	DS/DO

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								5
Supplementary study in the library, online and in the field								3
Preparation for seminars/laboratory works, homework, reports, portfolios, essays								10
Tutoring								1
Exams and tests								3
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	Curriculum
4.2	Competence	Competence

5. Requirements (where appropriate)

5.1	For the course	For the course
5.2	For the applications	For the applications

6. Specific competences

Professional competences	<p>Technological and economic design for execution, operation and maintenance of civil engineering constructions specific to the graduate study program.</p> <p>Identification of construction materials and of structure types in construction.</p> <p>Description of technological processes for civil and industrial civil construction.</p> <p>Explanation of the properties of the building materials and the technologies of implementation for civil, industrial and agricultural constructions.</p>
Cross competences	<p>Designing the technological processes specific to the different phases of realization of the elements of civil, industrial and agricultural constructions</p> <p>Evaluation, selection and optimal use of the different materials that come into the construction elements</p> <p>Applying the criteria for the construction and positioning of civil, industrial and agricultural constructions for the proper selection of technologies and machines.</p>

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

7.1	General objective	General objective
7.2	Specific objectives	Specific objectives

8. Contents

8.1. Lecture (syllabus)	Teaching methods	Notes
1. INTRODUCTION. Object and problems. Notions of Construction Physics		
2. STAIRCASE - Design principles of stairs and ramps in constructions, fundamental theoretical elements.		
3. Railings and balustrades. Traditional and modern materials. Connection details.		
4. INTERIOR FINISHES - Cold, warm, waterproof, thermal insulated, radiant, floating floors, etc.		
5. EXTERIOR FINISHES - Traditional and modern exterior finishes, ventilated facades, skins.		
6. INTERIOR FINISHES - Interior walls and ceilings. Traditional and modern interior finishes (light walls, removable partitions, false ceilings, etc.).		
7. Windows (Carpentry). Traditional windows. Modern (high-performance) windows.		
<p>Bibliografy (in UTCN Library):</p> <p>Construcții civile - Horia A. Andreica, Constantin Munteanu, Ioana Mureșanu,..., Cluj-Napoca : U.T.Press, 2009</p> <p>Finisaje în construcții - Maria Darie, Viorica Demir, Veronica Nicolau, București : Institutul de Construcții București, 1976</p> <p>Indrumator in imagini pentru finisaje interioare, Bucuresti : Editura Tehnica, 1983</p> <p>Materiale pentru construcții și finisaje - Dorian Hardt București : Editura Didactică și Pedagogică, 1976</p> <p>Surface : textures, finishes and materials for stylish interiors : [album], Mies, Switzerland : RotoVision, 2002</p> <p>Norms and standards</p>		
8.2. Applications/Seminars		

Individual study: Detailing the staircase of the project from the class Bazele proiectării clădirilor civile - staircase drawing - dimensions - joints - finishing techniques - parapets or railings		
Bibliografy (in UTCN Library): Construcții civile - Horia A. Andreica, Constantin Munteanu, Ioana Mureșanu,..., Cluj-Napoca : U.T.Press, 2009 Finisaje în construcții - Maria Darie, Viorica Demir, Veronica Nicolau, București : Institutul de Construcții București, 1976 Indrumator in imagini pentru finisaje interioare, Bucuresti : Editura Tehnica, 1983 Materiale pentru construcții și finisaje - Dorian Hardt București : Editura Didactică și Pedagogică, 1976 Surface : textures, finishes and materials for stylish interiors : [album], Mies, Switzerland : RotoVision, 2002 Norms and standards		
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8.2. Applications/Seminars	Teaching methods	Notes
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Bibliography		

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

The course provides an initial basis, needed to strengthen the relationship between engineer - other specializations in the field (especially engineer - architect), as well as general knowledge and specialized language.

10. Evaluation

Activity type	10.1 Assessment criteria	10.2 Assessment methods	10.3 Weight in the final grade
10.4 Course	Written test (WT)	Written Test	Written Test
10.5 Applications	Evaluation of the activities performed during the working hours (A).	Presentation and justification of the work	Presentation and justification of the work
10.6 Minimum standard of performance			
WT \geq 5 ŞI A \geq 5			

Date of filling in:		Title Surname Name	Signature
	Lecturer	Conf.Dr.Arh. Moldovan Ioana Madalina	
	Teachers in charge of application	Conf.Dr.Arh. Moldovan Ioana Madalina	

Date of approval in the department	Head of department conf.dr.ing. Caludiu ACIU
20/06/2025	
Date of approval in the faculty	Dean prof.dr.ing Daniela MANEA
25/06/2025	