## SYLLABUS 1

#### 1. Information about the program

1.1 Higher education institution	Politehnica University Timisoara
1.2 Faculty <sup>2</sup> / Department <sup>3</sup>	Faculty of Civil Engineering/Steel structures and structural mechanics
1.3 Chair	_
1.4 Field of study (name/code <sup>4</sup> )	Civil engineering/80
1.5 Study cycle	Bachelor
1.6 Study program (name/code/qualification)	Civil Engineering (in English) /10/Engineer

#### 2. Information about the discipline

2.1 Name of discipline	e/ forma	ative category <sup>5</sup>	Pra	ctical training 3,4/DD			
2.2 Coordinator (holde	er) of c	ourse activities					
2.3 Coordinator (holde	er) of a	pplied activities <sup>6</sup>	As.	dr. ing. Neagu Calin			
2.4 Year of study <sup>7</sup>	2	2.5 Semester	4	2.6 Type of evaluation	С	2.7 Type of discipline <sup>8</sup>	DI

# 3. Total estimated time - hours / semester: direct teaching activities (fully assisted or partly assisted) and individual training activities (unassisted) 9

3.1 Number of fully assisted hours / week	2.8 of which:	3.2 course	3.3 seminar / laboratory / project 2.8
3.1* Total number of fully assisted hours / semester	40 of which:	<b>3.2</b> * course	3.3* seminar / laboratory / project 40
3.4 Number of hours partially assisted / week	of which:	3.5 training	3.6 hours for diploma project elaboration
<b>3.4*</b> Total number of hours partially assisted / semester	of which:	3.5* training	3.6* hours for diploma project elaboration
3.7 Number of hours of unassisted activities / week	of which:	additional documentary hours in the library, on the specialized electronic platforms and on the field hours of individual study after manual, course support, bibliography and notes training seminars / laboratories, homework and papers,	
3.7* Number of hours of unassisted activities / semester	of which:	portfolios and essays additional documentary hours in the library, on the specialized electronic platforms and on the field hours of individual study after manual, course support, bibliography and notes training seminars / laboratories, homework and papers, portfolios and essays	
3.8 Total hours / week 10	2.8		
3.8* Total hours /semester	40		
3.9 Number of credits	2		

<sup>&</sup>lt;sup>1</sup> The form corresponds to the Discipline File promoted by OMECTS 5703 / 18.12.2011 and to the requirements of the ARACIS Specific Standards valid from 01.10.2017.

 $<sup>^{2}</sup>$  The name of the faculty which manages the educational curriculum to which the discipline belongs

<sup>&</sup>lt;sup>3</sup> The name of the department entrusted with the discipline, and to which the course coordinator/holder belongs.

<sup>&</sup>lt;sup>4</sup> The code provided in HG no.140 / 16.03.2017 or similar HGs updated annually shall be entered.

<sup>&</sup>lt;sup>5</sup> Discipline falls under the educational curriculum in one of the following formative disciplines: Basic Discipline (DF), Domain Discipline (DD), Specialist Discipline (DS) or

Complementary Discipline (DC). 
<sup>6</sup> Application activities refer to: seminar (S) / laboratory (L) / project (P) / practice/training (Pr).

<sup>&</sup>lt;sup>7</sup> Year of studies in which the discipline is provided in the curriculum.

<sup>&</sup>lt;sup>8</sup> Discipline may have one of the following regimes: imposed discipline (DI), optional discipline (DO) or optional discipline (Df).

<sup>&</sup>lt;sup>9</sup> The number of hours in the headings 3.1 \*, 3.2 \*, ..., 3.8 \* is obtained by multiplying by 14 (weeks) the number of hours in headings 3.1, 3.2, ..., 3.8. The information in sections 3.1, 3.4 and 3.7 is the verification keys used by ARACIS as:  $(3.1) + (3.4) \ge 28$  hours / wk. and  $(3.8) \le 40$  hours / wk. <sup>10</sup> The total number of hours / week is obtained by summing up the number of hours in points 3.1, 3.4 and 3.7.

#### 4. Prerequisites (where applicable)

4.1 Curriculum	Not the case
4.2 Competencies	Not the case

## 5. Conditions (where applicable)

5.1 of the course	Not the case
	Presentation of the construction site, institutions, economic agencies, practical training
	accepting documents, based on conventions/protocols or, in an organized manner, in
5.2 to conduct practical activities	the CMMC department , loan Curea no.1, Timisoara.
	Drafting technical training report

## 6. Specific competencies acquired through this discipline

Specific competencies	Understand how to transpose selected technologies into the civil engineering technology project
Professional competencies ascribed to the specific competencies	Organization and management of the execution, operation and maintenance procedures for civil, industrial and agricultural constructions
Transversal competencies ascribed to the specific competencies	

# 7. Objectives of the discipline (based on the grid of specific competencies acquired - pct.6)

7.1 The general objective of the discipline	Application of efficient and responsible work strategies, of punctuality, seriousness and personal responsibility, based on the principles, norms and values of the Code of Professional Ethics
7.2 Specific objectives	Transposing selected technologies into the civil engineering technology project

## 8. Content 11

8.1 Course	Number of hours	Teaching methods 12
Not the case		

<sup>&</sup>lt;sup>11</sup> It details all the didactic activities foreseen in the curriculum (lectures and seminar themes, the list of laboratory works, the content of the stages of project preparation, the theme of each practice stage). The titles of the laboratory work carried out on the stands shall be accompanied by the notation "(\*)".

<sup>12</sup> Presentation of the teaching methods will include the use of new technologies (e-mail, personalized web page, electronic resources etc.).

Bibliography <sup>13</sup> Not the case			
Distribution and a second			
8.2 Applied activities <sup>14</sup>	Number of hours	Teaching methods	
Attendance on site in or near Timisoara	40	Presentation,	
	40		
visits to public authorities		applications, workshop	
visits to production bases			
presentation of material in civil engineering domain			
drafting of a practical training report			
Bibliography <sup>15</sup> from accumulated knowledge, legislation, administration ar	nd public acquisitions		
9. Corroboration of the content of the discipline with the expectations of the main representatives of the epistemic community, professional associations and employers in the field afferent to the program			

The accumulated competences will be necessary to employ which work in design and production firms but also in administration (site and supply)

## 10. Evaluation

Type of activity	<b>10.1</b> Evaluation criteria <sup>16</sup>	10.2 Evaluation methods	<b>10.3</b> Share of the final grade
10.4 Course			
10.5 Applied activities	S:		
	L:		

<sup>13</sup> At least one title must belong to the discipline team and at least one title should refer to a reference work for discipline, national and international circulation, existing in

 <sup>13</sup> At least one title must belong to the discipline team and at least one title should refer to a reference work for discipline, national and international circulation, existing in the UPT library.
 14 Types of application activities are those specified in footnote 5. If the discipline contains several types of applicative activities then they are sequentially in the lines of the table below. The type of activity will be in a distinct line as: "Seminar:", "Laboratory:", "Project:" and / or "Practice/training".
 15 At least one title must belong to the discipline team.
 16 Syllabus must contain the procedure for assessing the discipline, specifying the criteria, methods and forms of assessment, as well as specifying the weightings assigned to them in the final grade. The evaluation criteria shall be formulated separately for each activity foreseen in the curriculum (course, seminar, laboratory, project). They will also refer to the forms of verification (homework, papers, etc.)

Pr: Practical training  document verification  The oral test consists of qualitative and	
(acceptance letter or practical training/protocol convention, practical activity confirmation)  Practical training technical report  quantitative appreciations of the practical training activity, 10 min./student, based on a free or .pptx presentation  60%	qualitative and of the practical training based on a free or

10.6 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified <sup>18</sup>)

- Presentation of the practical training technical report (PR)
- Question answer regarding of done practical training activity(R)
- N=0.6xPR+0.4xR

Date of completion	Course coordinator (signature)	Coordinator of applied activities (signature)
26.01.2018		
Head of Department	Date of approval in the Faculty	Dean
(signature)	Council 19	(signature)
	12.02.2018	
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<sup>&</sup>lt;sup>17</sup> In the case where the project is not a distinct discipline, this section also specifies how the outcome of the project evaluation makes the admission of the student conditional on the final assessment within the discipline.

 <sup>18</sup> It will not explain how the promotion mark is awarded.
 19 The endorsement is preceded by the discussion of the board's view of the study program on the discipline record.