

# SYLLABUS <sup>1</sup>

## 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/English

## 2. Information about the discipline

2.1 Name of discipline/ formative category <sup>5</sup>	Practical training 6/DD						
2.2 Coordinator (holder) of course activities							
2.3 Coordinator (holder) of applied activities <sup>6</sup>	As. dr. ing. Neagu Calin						
2.4 Year of study <sup>7</sup>	3	2.5 Semester	6	2.6 Type of evaluation	C	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) <sup>9</sup>

3.1 Number of fully assisted hours / week	4.3 of which:	3.2 course		3.3 seminar / laboratory / project	4.3
3.1* Total number of fully assisted hours / semester	60 of which:	3.2* course		3.3* seminar / laboratory / project	60
3.4 Number of hours partially assisted / week	of which:	3.5 training		3.6 hours for diploma project elaboration	
3.4* 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, portfolios and essays			
3.7* Number of hours of unassisted activities / semester	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, portfolios and essays			
3.8 Total hours / week <sup>10</sup>	4.3				
3.8* Total hours /semester	60				
3.9 Number of credits	3				

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

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

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

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

<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) ≥ 28 hours / wk. and (3.8) ≤ 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	<ul style="list-style-type: none"> <li>• Not the case</li> </ul>
4.2 Competencies	<ul style="list-style-type: none"> <li>• Not the case</li> </ul>

#### 5. Conditions (where applicable)

5.1 of the course	<ul style="list-style-type: none"> <li>• Not the case</li> </ul>
5.2 to conduct practical activities	<ul style="list-style-type: none"> <li>• Presentation of the construction site, institutions, economic agencies, practical training accepting documents, based on conventions/protocols or, in an organized manner, in the CMMC department , loan Curea no.1, Timisoara.</li> <li>• Drafting technical training report</li> </ul>

#### 6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> <li>• Understand how to transpose selected technologies into the civil engineering technology project</li> </ul>
Professional competencies ascribed to the specific competencies	<ul style="list-style-type: none"> <li>• Organization and management of the execution, operation and maintenance procedures for civil, industrial and agricultural constructions</li> </ul>
Transversal competencies ascribed to the specific competencies	<ul style="list-style-type: none"> <li>•</li> </ul>

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

7.1 The general objective of the discipline	<ul style="list-style-type: none"> <li>• 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</li> </ul>
7.2 Specific objectives	<ul style="list-style-type: none"> <li>• Transposing selected technologies into the civil engineering technology project</li> </ul>

#### 8. Content <sup>11</sup>

8.1 Course	Number of hours	Teaching methods <sup>12</sup>
Not the case		

<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		
<b>8.2 Applied activities<sup>14</sup></b>		
Attendance on site in or near Timisoara visits to public authorities visits to production bases presentation of material in civil engineering domain drafting of a practical training report	60	Presentation, applications, workshop
Bibliography <sup>15</sup> from accumulated knowledge, legislation, administration and 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	10.1 Evaluation criteria <sup>16</sup>	10.2 Evaluation methods	10.3 Share of the final grade
<b>10.4</b> Course			
<b>10.5</b> Applied activities	<b>S:</b>		
	<b>L:</b>		

<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.

<sup>14</sup> 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".

<sup>15</sup> At least one title must belong to the discipline team.

<sup>16</sup> 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.)

	<b>P<sup>17</sup>:</b>		
	<b>Pr:</b> Practical training document verification (acceptance letter or practical training/protocol convention, practical activity confirmation) Practical training technical report	The oral test consists of qualitative and quantitative appreciations of the practical training activity, 10 min./student, based on a free or .pptx presentation	40%          60%
<b>10.6</b> Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified <sup>18</sup> )			
<ul style="list-style-type: none"> <li>• Presentation of the practical training technical report (PR)</li> <li>• Question answer regarding of done practical training activity(R)</li> <li>• <math>N=0.6xPR+0.4xR</math></li> </ul>			

**Date of completion**

26.01.2018

**Head of Department  
(signature)**

.....

**Course coordinator  
(signature)**

.....  
**Date of approval in the Faculty  
Council <sup>19</sup>**

12.02.2018

**Coordinator of applied activities  
(signature)**

.....  
**Dean  
(signature)**

.....

<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.

<sup>19</sup> The endorsement is preceded by the discussion of the board's view of the study program on the discipline record.