**SYLLABUS**

1. **Information about the program**

|  |  |
| --- | --- |
| **1.1** Higher education institution | UNIVERSITATEA POLITEHNICA TIMISOARA |
| **1.2** Faculty[[1]](#footnote-1) / Department[[2]](#footnote-2) | CONSTRUCTII/ CCTFC+CCI |
| **1.3** Field of study (name/code[[3]](#footnote-3)) | INGINERIE CIVILA/ 10 |
| **1.4** Study cycle | Master |
| **1.5** Study program (name/code/qualification) | ADVANCED DESIGN OF BUILDINGS – PROIECTAREA AVANSATA A CLADIRILOR/ 10/ Master |

1. **Information about discipline**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **2.1** Name of discipline/The educational classe[[4]](#footnote-4) | | | Antreprenourship in Civil Engineering- Antreprenoriat in Construcții/ DS | | | | |
| **2.2** Coordinator (holder) of course activities | | | Prof. dr. ing. Sorin HERBAN, | | | | |
| **2.3** Coordinator (holder) of applied activities[[5]](#footnote-5) | | | Sl. dr. ing. Remus CHENDES | | | | |
| **2.4** Year of study[[6]](#footnote-6) | 1 | **2.5** Semester | 2 | **2.6** Type of evaluation | E | **2.7** Regime of discipline[[7]](#footnote-7) | DI |

1. **Total estimated time** (direct activities (fully assisted), partially assisted activities and unassisted activities[[8]](#footnote-8))

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **3.1** Number of hours fully assisted/week | 3 ,of which: | course | 1.5 | seminar/laboratory/project | | | 1.5 |
| **3.1\*** Total number of hours fully assisted/sem. | 42 ,of which: | course | 21 | seminar/laboratory/project | | | 21 |
| **3.2** Number of on-line hours fully assisted/sem | 19 ,of which: | course | 12 | seminar/laboratory/project | | | 7 |
| **3.3** Number of hours partially assisted/week | ,of which: | project, research |  | training |  | hours designing M.A. dissertation |  |
| **3.3\*** Number of hours partially assisted/ semester | ,of which: | project of research |  | training |  | hours designing M.A. dissertation |  |
| **3.4** Number of hours of unassisted activities/ week | 4.14 ,of which: | Additional documentation in the library, on specialized electronic platforms, and on the field | | | | | 0.71 |
| Study using a manual, course materials, bibliography and lecture notes | | | | | 1.43 |
| Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays | | | | | 2 |
| **3.4\*** Total number of hours of unasssited asctivities/ semester | 58 ,of which: | Additional documentation in the library, on specialized electronic platforms, and on the field | | | | | 10 |
| Study using a manual, course materials, bibliography and lecture notes | | | | | 20 |
| Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays | | | | | 28 |
| **3.5 Total hrs./week**[[9]](#footnote-9) | 7.14 | | | | | | |
| **3.5\* Total hrs./semester** | 100 | | | | | | |
| **3.6 No. of credits** | 4 | | | | | | |

**4. Prerequisites** (where applicable)

|  |  |
| --- | --- |
| **4.1** Curriculum |  |
| **4.2** Competencies |  |

**5. Conditions** (where applicable)

|  |  |
| --- | --- |
| **5.1** of the course | * Medium capacity room, video projector |
| **5.2** to conduct practical activities | * Medium capacity room, video projector, computers |

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

|  |  |
| --- | --- |
| Specific competencies | * Understanding the concept of entrepreneurship, starting from the basics of entrepreneurship, creative entrepreneurship and innovative entrepreneurship * [Carrying out entrepreneurial projects, understanding the functioning of public auction platforms] |
| Professional competencies ascribed to the specific competencies | * ensure compliance with security legislation; provide instructions to staff; adhere to legal regulations; provide construction counseling; apply health and safety standards; manage engineering projects; evaluate environmental impact; draft technical reports; supervise personnel; adapts existing projects to new circumstances; evaluates the integrated design of buildings; |
| Transversal competencies ascribed to the specific competencies | * manage financial and material resources; oversee quality control; apply scientific, technological, and engineering knowledge; work in teams; train others; |

**7. Objectives of the discipline** (based on the grid of specific competemcies acquired)

|  |  |
| --- | --- |
| **7.1** The general objective of the discipline | * Developing the entrepreneurial skills of students |
| **7.2** Specific objectives | * Understanding the general knoledge regarding the entrepreneurial cpncept. Development of capacities to identify existing opportunities on the market. Knowledge of the steps necessary to establishing and developing a business. |

**8. Content**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **8.1** Course | | Number of hours | Of which online | Teaching methods |
| Introduction to entrepreneurship | | 2 | Max 60% | Interactive Presentations Group Discussions Teamwork, Guest Lecture from the Local Business Environment |
| Ethical and legal aspects of entrepreneurship | | 2 |  |
| Starting and developing a business | | 3 |  |
| Marketing strategies | | 4 |  |
| Promotion / Advertising policy | | 3 |  |
| Development of business products/services | | 3 |  |
| Financing a business | | 4 |  |
|  | |  |  |
|  | |  |  |
|  | |  |  |
|  | |  |  |
|  | |  |  |
|  | |  |  |
|  | |  |  |
|  | Bibliography[[10]](#footnote-10) 1. Legislaţia din Romania cu privire la antreprenoriat si inovare  2. Gorobievschi Sv. Antreprenoriatul – aspecte fundamentale manageriale. Chişinău: Tehnica Info, 2009.  3. Nicolescu O. Managemntul întreprinderilor mici şi mijlocii. Bucureşti, Editura Economică, 2002.  4. Nastase Carmen (coord) – Ghid de formare antreprenorială, Editura Didactică şi Pedagogică, Bucureşti, 2016  5. Năstase C, Economia concurenţială – vector al economiei moderne de piaţă, Editura Didactică şi Pedagogică, Bucureşti, 2006  6. Năstase C, Microeconomie: Concepte fundamentale, Editura Didactică şi Pedagogică, Bucureşti, 2009  7. Pricop M., Tanţău A., Globalizarea şi strategia firmei, Editura Eficient Bucureşti, 2011  8. VĂDUVA S.,Antreprenoriatul, Editura Economică, 2024  9. Yvan Allaire, Fîrşirotu M., Management strategic. Strategiile succesului în afaceri, Editura Economică, Bucureşti, 2018. | | | |
| **8.2** Applied activities[[11]](#footnote-11) | | Number of hours | Of which online | Teaching methods |
| Preparing a business plan | | 11 | Max 35% | Presentation on the blackboard, with video projector, on the computer, conversations, explanations, examples |
| Initiating and creating technical offers / uploading to SEAP platforms | | 10 |  |
|  | |  |  |
|  | |  |  |
|  | |  |  |  |
|  | |  |  |  |
|  | |  |  |  |
|  | |  |  |  |
|  | |  |  |  |
|  | Bibliography[[12]](#footnote-12) .1 Legislaţia din Romania cu privire la antreprenoriat si inovare  2. Gorobievschi Sv. Antreprenoriatul – aspecte fundamentale manageriale. Chişinău: Tehnica Info, 2009.  3. Nicolescu O. Managemntul întreprinderilor mici şi mijlocii. Bucureşti, Editura Economică, 2002.  4. Nastase Carmen (coord) – Ghid de formare antreprenorială, Editura Didactică şi Pedagogică, Bucureşti, 2016  5. Năstase C, Economia concurenţială – vector al economiei moderne de piaţă, Editura Didactică şi Pedagogică, Bucureşti, 2006  6. Năstase C, Microeconomie: Concepte fundamentale, Editura Didactică şi Pedagogică, Bucureşti, 2009  7. Pricop M., Tanţău A., Globalizarea şi strategia firmei, Editura Eficient Bucureşti, 2011  8. VĂDUVA S.,Antreprenoriatul, Editura Economică, 2024  9. Yvan Allaire, Fîrşirotu M., Management strategic. Strategiile succesului în afaceri, Editura Economică, Bucureşti, 2018 | | | |

**9. Coroboration 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 graduate will be able to identify service proposals, prepare a business plan and initiate an offer. |

**10. Evaluation**

|  |  |  |  |
| --- | --- | --- | --- |
| Type of activity | **10.1** Evaluation criteria[[13]](#footnote-13) | **10.2** Evaluation methods | **10.3** Share of the final grade |
| **10.4** Course | 2 theoretical topics | Written examination | 50% |
| **10.5** Applied activities | **S:** Bussines plan | Presenting a BP | 50% |
|  | **L:** |  |  |
|  | **P:** |  |  |
|  | **Pr:** |  |  |
|  | **Tc-R[[14]](#footnote-14):** |  |  |
| **10.6** Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified[[15]](#footnote-15) | | | |
| * The final mark must accumulate a minimum score of 5 points out of 10 possible | | | |

|  |  |  |
| --- | --- | --- |
| **Date of completion** | **Course coordinator**  **(signature)** | **Coordinator of applied activities**  **(signature)** |
|  | Prof.dr.ing. Sorin HERBAN | S.l.dr.ing. Remus CHENDES |

|  |  |  |
| --- | --- | --- |
| **Head of Department**  **(signature)** | **Date of approval in the Faculty Council [[16]](#footnote-16)** | **Dean**  **(signature)** |
|  |  |  |

1. The name of the faculty which manages the educational curriculum to which the discipline belongs [↑](#footnote-ref-1)
2. The name of the department entrusted with the discipline, and to which the course coordinator/holder belongs. [↑](#footnote-ref-2)
3. The code provided in HG - on the approval of the Nomenclature of fields and specializations / study programs, annually updated. [↑](#footnote-ref-3)
4. The educational classes of disciplines are: thoroughgoing study discipline (DA), advanced knowledge discipline (DCAV), synthesis discipline (DS) or complementary discipline (DC). [↑](#footnote-ref-4)
5. The applied activities refer to: seminar (S) / laboratory (L) / project (P) / practice/training (Pr). [↑](#footnote-ref-5)
6. The year of study to which the discipline is provided in the curriculum . [↑](#footnote-ref-6)
7. Discipline may have one of the following regimes: imposed discipline (DI) or compulsory discipline (DOb)-for the other fundamental fields of studies offered by UPT or optional discipline (DO). [↑](#footnote-ref-7)
8. Within UPT, the number of hours from 3.1\*, 3.2\*,…,3.9\* are obtained by multipling by 14 (weeks) the number of hours from 3.1, 3.2,…, 3.9. [↑](#footnote-ref-8)
9. The total number of hours/week is obtained by summing up the number of hours from 3.1, 3.4 şi 3.8. [↑](#footnote-ref-9)
10. At least one title must belong to the department staff teaching the discipline, and at least one title must refer to a relevant work for the discipline, a national and international work that can be found in the UPT Library. [↑](#footnote-ref-10)
11. The types of applied activities are those mentioned in 5. If the discipline containes more types of applied activities then they are marked, consecutively, in the table below. The type of activity will be marked distinctively under the form: „Seminar:”, „Laboratory:”, „Project:” and/or „Practice/Training:”. [↑](#footnote-ref-11)
12. At least one title must belong to the staff teaching the discipline. [↑](#footnote-ref-12)
13. The Syllabus must contain the evaluation method of the discipline, specifying the criteria, the metods and the forms of evaluation, as well as mentioning the share attached to these within the final mark. The evaluation criteria must correspond to all activities stipulated in the curriculum (course, seminar, laboratory, project), as well as to the methods of continuous assessment (homework, essays etc.) [↑](#footnote-ref-13)
14. Tc-R= Homework-Reports [↑](#footnote-ref-14)
15. For this point turn to “Ghid de completare a Fișei disciplinei” found at: <http://www.upt.ro/img/files/2018-2019/calitate/Ghid_de_completare_fisa_disciplinei.pdf> [↑](#footnote-ref-15)
16. The approval is preceeded by discussing the study program’s board’s point of view with redgards to the syllabus. [↑](#footnote-ref-16)