**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering Faculty |
| Field of study | Computers and Information Technology |
| Level | Bachelor |
| Program of study | Computers Engineering |

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| Course | **Web Application Design** |
| Code | 2CC5AS37 |
| Year of study (semester) | III (I) |
| Number of hours | 42 |
| Number of credits | 3 |
| Professor | Lecturer eng. Simona Rîurean, Ph.D. |

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| **No.** | **Topic** |
|  | Creating web pages and running web servers |
|  | Web Applications Frameworks |
|  | JavaScript: the language, and the in browser runtime |
|  | Modeling the Data in a Web Application; Design techniques |
|  | Human factors / Usable web security; Scaling and securing web applications |
|  | User Interface. Advanced tooling and performance techniques. CSS. |