**Course Syllabus**

Academic year: 2020-2021

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| Institution | University of Petroşani |
| Faculty | Mechanical and Electrical Engineering  |
| Field of study | Engineering |
| Level | Master |
| Program of study | Computer aided design and manufacture |

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| Course | **Assisted quality management** |
| Code | 2CFACOD07 |
| Year of study (semester) | I (II) |
| Number of hours | 56 |
| Number of credits | 6 |
| Professor | Prof., Ph.D. IONICĂ Andreea |

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| **No.** | **Topic** |
|  | **Quality methods, techniques and tools used in design and manufacturing** |
|  | **Six Sigma methodology and Quality Management** |
|  | **FMEA (AMDEC) - Basic tool in project management, maintenance and total quality** |
|  | **Quality Function Deployment (QFD) - A method used in quality planning** |
|  | **Computer Aided Quality (CAQ) Information Systems** |