

Vocational School / Computer Programming

2024 - 2025 Academic Year

PROCESS ANALYSIS of APPLICATIONS

Syllabus

| Course Description | | | | | |
|--|---|--------------------------------|-------------------------|---------------------------|-------------|
| Name | Code | Semester | T+A Hour | Credit | ECTS |
| PROCESS ANALYSIS of APPLICATIONS | BPR2113186 | Fall Semester | 3+0 | 3 | 5 |
| Prerequisites Courses | | | | | |
| Recommended Elective Courses | | | | | |
| Language of Instruction | Turkish | | | | |
| Course Level | Short Cycle (Associate's Degree) | | | | |
| Course Type | Elective | | | | |
| Course Coordinator | Lect. Beyza KOYULMUŞ | | | | |
| Name of Lecturer(s) | Lect. Sema UĞUR | | | | |
| Assistant(s) | | | | | |
| Aim | The aim of this course is to provide an understanding of the fundamentals of process analysis of applications and to introduce process management. | | | | |
| Course Content | This course contains; Business Analysis Basic Concepts,Requirements Management,Strategy Analysis,Modeling,System Analysis,Customer / User Experience,Documentation,Dokümantasyon,Analytics & Reporting,Software Process Models,Project Management,Feasibility,Life Cycle and Competition in Industries,Teknoloji Trendleri - Dijital Dönüşüm. | | | | |
| Course Learning Outcomes | | | Teaching Methods | Assessment Methods | |
| Know requirements management | | | 10, 13, 14, 19, 9 | | |
| Defines the basic concepts of business analysis. | | | 10, 16, 9 | A, D, E, G | |
| Manages basic testing processes. | | | 10, 16, 9 | A, E, F | |
| Understands project management. | | | 10, 16, 9 | A, E, G | |
| Creates process analysis documentation. | | | 10, 16, 9 | A, E | |
| Teaching Methods | 10: Discussion Method, 13: Case Study Method, 14: Self Study Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 9: Lecture Method | | | | |
| Assessment Methods | A: Traditional Written Exam, D: Oral Exam, E: Homework, F: Project Task, G: Quiz | | | | |
| Lecture Schedule | | | | | |
| Sequence | Topics | Preliminary Preparation | | | |
| 1 | Business Analysis Basic Concepts | | | | |
| 2 | Requirements Management | | | | |
| 3 | Strategy Analysis | | | | |
| 4 | Modeling | | | | |
| 5 | System Analysis | | | | |
| 6 | Customer / User Experience | | | | |
| 7 | Documentation | | | | |
| 8 | Dokümantasyon | | | | |
| 9 | Analytics & Reporting | | | | |
| 10 | Software Process Models | | | | |
| 11 | Project Management | | | | |
| 12 | Feasibility | | | | |
| 13 | Life Cycle and Competition in Industries | | | | |
| 14 | Teknoloji Trendleri - Dijital Dönüşüm | | | | |
| Evaluation Methods | | Weight(%) | | | |
| Midterm Exam | | 40 | | | |
| General Exam | | 60 | | | |
| Resources | | | | | |
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