

Vocational School / Computer Programming

2023 - 2024 Academic Year

GUIDED STUDY I

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
GUIDED STUDY I	BPR2114605	Fall Semester	4+0	4	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Beyza KOYULMUŞ				
Name of Lecturer(s)	Lect. Beyza KOYULMUŞ, Lect. Muhammet ÇAĞATAY				
Assistant(s)					
Aim	The aim of this course is to conduct research by using research methods related to the projects that students will develop, to create analysis reports, to prepare project plans, to report them and to present them effectively.				
Course Content	This course contains; Course Objectives and General Information About the Course,Planning, preparation, writing and expression studies related to their field of study,Selecting project topics,Planning of project development phases,What is Wriframe and How to Prepare It,Database Diagram Preparation,What is a Use Case, How to Prepare,Test Case (Test Scenario) ,How to Write a Technical Analysis Document,Business Analysis Document ,Software Development Life Cycle,Project Cost Calculation Feasibility Study,Investor / Client Presentation Preparation,Student Report Presentations.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Prepares a customer presentation effectively			12, 14, 3, 6, 9	A, E, F	
Makes project cost calculation feasibility study			10, 14, 16, 9	A, E, F	
Defines the software development life cycle			10, 16, 9	A, E, F	
Creates a business analysis document			14, 9	A, E, G	
Plans the stages of project development			10, 14, 16, 9	A, E, F	
Prepares database diagram			14, 16, 9	A, E, F	
Teaching Methods	10: Discussion Method, 12: Problem Solving Method, 14: Self Study Method, 16: Question - Answer Technique, 3: Problem Baded Learning Model, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, E: Homework, F: Project Task, G: Quiz				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	Course Objectives and General Information About the Course				
2	Planning, preparation, writing and expression studies related to their field of study				
3	Selecting project topics				
4	Planning of project development phases				
5	What is Wriframe and How to Prepare It				
6	Database Diagram Preparation				
7	What is a Use Case, How to Prepare				
8	Test Case (Test Scenario)				
9	How to Write a Technical Analysis Document				
10	Business Analysis Document				
11	Software Development Life Cycle				
12	Project Cost Calculation Feasibility Study				
13	Investor / Client Presentation Preparation				
14	Student Report Presentations				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources