DEPARTMENT OF ENERGY SCIENCE AND TECHNOLOGY
COURSE SYLLABUS

Course Details				
Code	**Academic Year**			**Semester**
NWI106	1			2
Title	**T**	**A**	**L**	**ECTS**
Project Management	2	0	0	2

Language	German					
Level	**Undergraduate**	**X**	**Graduate**		**Postgraduate**	
Department / Program	Energy Science and Technology					
Forms of Teaching and Learning	Face-to-face					
Course Type	**Compulsory**	**X**	**Elective**			
Objectives	The aim is to acquire basic knowledge about project management.					
Content	The course covers project definition, project characteristics, project proposal preparation, and project control.					
Prerequisites	None					
Coordinator	Assoc. Prof. Dr. Merja Helena TÖLLE					
Lecturer(s)	Assoc. Prof. Dr. Merja Helena TÖLLE					
Assistant(s)	Res. Assist. Dr. Anıl Can Duman					
Work Placement	None					

Recommended or Required Reading	
Books / Lecture Notes	Crashkurs Projektmanagement. Peipe, S. (2007). Rudolf Haufe Verlag. Grundlagen des Projektmanagements. Eberl, M. & Huesmann, M. (2022). W. Kohlhammer GmbH
Other Sources	-

Additional Course Material	
Documents	-
Assignments	-
Exams	1 Project, 1 Final Exam

Course Composition		
Mathematics und Basic Sciences		%
Engineering		30 %
Engineering Design		%
Social Sciences		40%
Educational Sciences		%

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Natural Sciences		30 %
Health Sciences		%
Expert Knowledge		%

Assessment

Activity	Count	Percentage (%)
Midterm Exam	0	
Quiz	0	
Assignments	0	
Attendance	0	
Recitations	0	
Projects	1	50
Final Exam	1	50
	Total	**100**

ECTS Points and Work Load

Activity	Count	Duration	Work Load (Hours)
Lectures	14	2	28
Self-Study			
Assignments			
Presentation / Seminar Preparation			
Midterm Exam			
Recitations			
Laboratory			
Projects	1	26	26
Final Exam	1	2	2
		Total Work Load	**56**
		ECTS Points (Total Work Load / Hour)	**2**

Learning Outcomes

1	How to start a project will be taught.
2	How to systematically develop a project will be taught.
3	Identifying risk factors in a project and taking preventive measures will be taught.
4	Project evaluation and methods will be taught.
5	Successful project completion will be taught.

Weekly Content

1	Introduction, Basic Information
2	Introduction, Basic Information

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3	Introduction, Basic Information
4	Project Organization and Planning
5	Project Organization and Planning
6	Project Organization and Planning
7	Project Management
8	Midterm Exam
9	Project Management
10	Project Management
11	Project Management
12	Project Management
13	Project Phases
14	Project Phases
15	Project Control and Completion
16	Final Exam

Contribution of Learning Outcomes to Program Objectives (1-5)

	P1	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**	**P9**
Ö1	4	4	4	3	5	4	4	5	5
Ö2	4	4	4	3	5	4	4	5	5
Ö3	4	4	4	3	5	4	4	5	5
Ö4	4	4	4	3	5	4	4	5	5
Ö5	4	4	4	3	5	4	4	5	5

Contribution Level 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High

Compiled by:	Res. Assist. Kevser Celep
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