

DEPARTMENT OF ENERGY SCIENCE AND TECHNOLOGY  
COURSE SYLLABUS

Course Details						
Code			Academic Year			Semester
NWI106			1			Spring
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	Students can learn how to begin with a new project, their organisation and planing, controlling and finishing					
Content	Basic information, organisation of a project, planing and controlling					
Prerequisites						
Coordinator						
Lecturer(s)						
Assistant(s)						
Work Placement	No					
Recommended or Required Reading						
Books / Lecture Notes	<ul style="list-style-type: none"><li>• Projectmanager: Schelle, Heinz / Ottmann, Roland / Pfeiffer, Astrid</li><li>• Projectmanagement: Guideline for Planing, Supervising and Controlling from Projectprogress. Burghardt, Manfred</li><li>• Projectmanagement for Dummies. Portney, Stanley E. / Britta Kremke</li><li>• Handbook of Project Management: J.Kuster, E.Huber, R. Lippman, A. Schmid, E. Schneider, U. Witschi, R. Wüst</li></ul>					
Other Sources						
Additional Course Material						
Documents						
Assignments						
Exams						
Course Composition						
Mathematics und Basic Sciences	40				%	
Engineering	40				%	
Engineering Design					%	
Social Sciences					%	

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Educational Sciences			%
Natural Sciences	20		%
Health Sciences			%
Expert Knowledge			%
<b>Assessment</b>			
<b>Activity</b>	<b>Count</b>		<b>Percentage (%)</b>
Midterm Exam	1		40
Quiz			
Assignments			
Attendance			
Recitations			
Projects			
Final Exam	1		60
	<b>Total</b>		<b>100</b>
<b>ECTS Points and Work Load</b>			
<b>Activity</b>	<b>Count</b>	<b>Duration</b>	<b>Work Load (Hours)</b>
Lectures	14	2	28
Self-Study	14	2	28
Assignments			
Presentation / Seminar Preparation	1	2	2
Midterm Exam	1	2	2
Recitations			
Laboratory			
Projects			
Final Exam	1	2	2
	<b>Total Work Load</b>		<b>62</b>
	<b>ECTS Points</b> (Total Work Load / Hours)		<b>2</b>
<b>Learning Outcomes</b>			
1	How to begin with a project		
2	What are the methodologies and a systematical improvement of a project?		
3	Finding the risks of a project		
4	Finalizing of project		
5			
6			
7			

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8	
9	
10	
11	
12	

**Weekly Content**

1	Introduction, Basic Information
2	Introduction, Basic Information
3	Introduction, Basic Information
4	Project organisation and planing
5	Project organisation and planing
6	Project organisation and planing
7	Project Management
8	Project Management
9	Project Management
10	Project Management
11	Project Management
12	Phases of a project
13	Phases of a project
14	Project conrol and finishing
15	

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

	P1	P2	P3	P4	P5	P6	P7
1	5	4	5	4	5	5	5
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

**Contribution Level**

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

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Compiled by:	
Date of Compilation:	