DEPARTMENT OF ENERGY SCIENCE AND TECHOLOGIES
COURSE SYLLABUS

Course Details				
Code		**Academic Year**		**Semester**
PRK400		4		8
Title		**T**	**A**	**L**	**ECTS**
Internship		2	0	0	4

Language	German					
Level	**Undergraduate**	**X**	**Graduate**		**Postgraduate**	
Department / Program	Energy Science and Technologies					
Forms of Teaching and Learning	Face to face					
Course Type	**Compulsory**	**X**	**Elective**			
Objectives	Gathering knowledge and experience in the application fields of Energy Science.					
Content	Selected study topics in the application areas of Material Science - Product development / R&D - Materials and process development - Automation - Production / production planning - Assembly - Maintenance and overhaul - Project planning - Design and analysis - Test and verification - Quality control and quality management					
Prerequisites						
Coordinator						
Lecturer(s)						
Assistant(s)						
Work Placement	No					
Recommended or Required Reading						
Books / Lecture Notes						
Other Sources						
Additional Course Material						
Documents						
Assignments						
Exams						
Course Composition						
Mathematics und Basic Sciences					%	

DEPARTMENT OF ENERGY SCIENCE AND TECHOLOGIES
COURSE SYLLABUS

Engineering		30%
Engineering Design		30%
Social Sciences		%
Educational Sciences		%
Natural Sciences		%
Health Sciences		%
Expert Knowledge		40%

Assessment

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

ECTS Points and Work Load

Activity	Count	Duration	Work Load (Hours)
Lectures			
Self-Study	8	12	96
Assignments			
Presentation / Seminar Preparation			
Midterm Exam			
Recitations			
Laboratory			
Projects	1	20	20
Final Exam			
		Total Work Load	116
		ECTS Points (Total Work Load / Hours)	4

Learning Outcomes

1	Gathering experience in the application areas of Energy Science
2	Gathering experience in work flow and work processes
3	Gathering experience in planning and timing
4	Taking responsibility in working environment
5	Getting experience in team work

DEPARTMENT OF ENERGY SCIENCE AND TECHOLOGIES
COURSE SYLLABUS

6	Getting experience about work safety
7	
8	
9	
10	
11	
12	

Weekly Content

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

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

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

DEPARTMENT OF ENERGY SCIENCE AND TECHOLOGIES

COURSE SYLLABUS

11							
12							

Contribution Level	1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High
Compiled by:	
Date of Compilation:	