

Module level Master	Creditpoints 3	Language English	Return annual
Module designation			
Project Management			
Course(s)			
Project Management			
Code	Subtitle		
Person responsible for the module	Prof. Dr.-Ing. Detlef Kuhl		
Lecturer	Lisa Keaton B.A.		
Workload	90 h (15 h online presentation, 45 h private study, 30 h exercise)		
Relation to curriculum	Additive key skills, elective		
Type of teaching, contact hours	Online-unit, virtual classrooms, digital communication		
Requirements according to examination regulations	None		
Recommended prerequisites	Module Planning and Construction of Wind Farms		
Module objective / intended learning outcomes			
<p>Students will be able to build the proper structures for managing a wind park project as a whole and as multiple sub-projects. Students will also be able to adapt and change these plans as the needs and circumstances of the project change.</p> <p>Sub-projects addressed include site selection, development, environmental impact assessment, tendering, construction, operation and maintenance. Students will become familiar with all the tasks contained in these sub-projects and learn strategies to manage each.</p>			
Content			
<p>This module will address first the principles of general project management and then, in the second part of the course, apply these principles to project management for wind farms.</p> <p>General project management principles which will be covered include:</p> <ul style="list-style-type: none"> • Defining and project and scope • Project planning using Microsoft Project • Division of tasks and follow-up • Monitoring and controlling scope and progress • Risk management • Closing the project • Project management types: traditional, critical chain, agile, extreme <p>These principles will be applied to the sub-projects of wind power as described in the “module objective” section. Tasks for each part will be defined from the perspective of relevant project participants and case studies conducted in class or as homework.</p>			
Study and examination requirements and forms of examination	Written homework (15 pages) with presentation of the homework (20 min) and oral examination (10 min). The examinations are going to 50% (written homework) of the shares and 20% (presentation) and 30% (oral examination) in the final grade of the module.		
Media employed	online script		
Reading list			
<p>Effective Project Management: Traditional, Agile, Extreme, Robert K. Wysocki, 2011</p> <p>Results Without Authority: Controlling a Project When the Team Doesn't Report to You, Tom Kendrick,</p>			

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Identifying and Managing Project Risk: Essential Tools for Failure-Proofing Your Project, Tom Kendrick, 2009

Making Things Happen: Mastering Project Management (Theory in Practice); Scott Berkun, 2008

Developing Wind Power Projects: Theory and Practice, Tory Wizelius, 2006

Project Management in Construction (McGraw-Hill Professional Engineering), Sidney Levy, 2006.