

DEPARTMENT OF MATERIALS SCIENCE AND TECHNOLOGY  
COURSE SYLLABUS

Course Details				
<b>Code</b>	<b>Academic Year</b>			<b>Semester</b>
MWT404	4			8
<b>Title</b>	<b>T</b>	<b>A</b>	<b>L</b>	<b>ECTS</b>
Seminar	2	0	0	4
<b>Language</b>	German			
<b>Level</b>	<b>Undergraduate</b>	X	<b>Graduate</b>	<b>Postgraduate</b>
<b>Department / Program</b>	Materials Science and Technology			
<b>Forms of Teaching and Learning</b>	Face to face			
<b>Course Type</b>	<b>Compulsory</b>	X	<b>Elective</b>	
<b>Objectives</b>	The aim of the course is to develop an ability to communicate, explain, discuss and communicate in front of the group by preparing a study that will contribute to the contemporary and educational process related to a topic or thesis topic that the student has mastered, as appropriate to scientific research methods.			
<b>Content</b>	At the beginning of the semester, the students identify a seminar topic together with the lecturer who gives the seminar lecture by conducting a literature search on a topic or thesis studies they master. During the process of determining the seminar topic, books related to the subject, theses, articles etc. made at home and abroad. all scientific studies are examined. In the following weeks of the seminar, the work on the seminar topic is presented to the faculty member by the student. The instructor guides the student by reviewing the work presented with the student and making the necessary corrections.			
<b>Prerequisites</b>				
<b>Coordinator</b>	Asist Prof.Dr. Sibel Özenler			
<b>Lecturer(s)</b>				
<b>Assistant(s)</b>				
<b>Work Placement</b>	No			
Recommended or Required Reading				
<b>Books / Lecture Notes</b>				
<b>Other Sources</b>				
Additional Course Material				
<b>Documents</b>				
<b>Assignments</b>				
<b>Exams</b>				
Course Composition				
<b>Mathematics und Basic Sciences</b>				%

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Engineering			10%
Engineering Design			%
Social Sciences			%
Educational Sciences			%
Natural Sciences			10%
Health Sciences			%
Expert Knowledge			80%
<b>Assessment</b>			
<b>Activity</b>		<b>Count</b>	<b>Percentage (%)</b>
Midterm Exam			
Quiz			
Assignments		1	100
Attendance			
Recitations			
Projects			
Final Exam			
		<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	15	2	30
Self-Study	14	5	70
Assignments			
Presentation / Seminar Preparation	2	15	30
Midterm Exam			
Recitations			
Laboratory			
Projects			
Final Exam			
		<b>Total Work Load</b>	<b>130</b>
		<b>ECTS Points (Total Work Load / Hours)</b>	<b>4</b>
<b>Learning Outcomes</b>			
1	The student will gain professional, academic and ethical responsibility and will be able to develop these values and practice them in business life.		
2	The student will gain the skills of research, communication, presentation in the field of his/her expertise individually and/or as a team		
3	The student will be able to define and apply the theoretical and practical management processes related to writing and presenting thesis.		

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4	The student will develop an ability to communicate, narrate, discuss, and communicate in front of the group by preparing a mastered topic or thesis topic related to a work that will contribute to the contemporary and educational process.
5	They will be able to follow and discuss conference and presentation techniques, and will gain efficiency in resource research and management.
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**Weekly Content**

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15	

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

	P1	P2	P3	P4	P5	P6	P7
1		2			3	3	3
2					3		
3						3	3
4		2					
5							
6							3



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7							
8							
9							
10							
11							
12							

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

**Compiled by:**

**Date of Compilation:**