

**Module: Current Topics in Mechanical Engineering**

<b>Level</b>	Master	<b>Short Name</b>	CTME
<b>Responsible Lecturers</b>	Hahn, Martin, Prof. Dr.-Ing.		
<b>Department, Facility</b>	Mechanical Engineering and Business Administration		
<b>Course of Studies</b>	Mechanical Engineering, Master		
<b>Compulsory/elective</b>	Elective	<b>ECTS Credit Points</b>	5
<b>Semester of Studies</b>	2	<b>Semester Hours per Week</b>	4
<b>Length (semesters)</b>	1	<b>Workload (hours)</b>	150
<b>Frequency</b>	WiSe	<b>Presence Hours</b>	60
<b>Teaching Language</b>	English	<b>Self-Study Hours</b>	90

The following section is filled only if there is **exactly one** module-concluding exam.

<b>Exam Type</b>	Written Exam	<b>Exam Language</b>	English
<b>Exam Length (minutes)</b>	120	<b>Exam Grading System</b>	One-third Grades
<b>Learning Outcomes</b>	Students are able to assess and apply current research and development trends in modern mechanical engineering.		
<b>Participation Prerequisites</b>			

The previous section is filled only if there is **exactly one** module-concluding exam.

<b>Consideration of Gender and Diversity Issues</b>	<ul style="list-style-type: none"> <li>✓ Use of gender-neutral language (THL standard)</li> <li>✗ Target group specific adjustment of didactic methods</li> <li>✗ Making subject diversity visible (female researchers, cultures etc.)</li> </ul>
<b>Applicability</b>	
<b>Remarks</b>	

## Module Course: Current Topics in Mechanical Engineering (Lecture)

(of Module: Current Topics in Mechanical Engineering)

<b>Course Type</b>	Lecture	<b>Form of Learning</b>	Presence
<b>Mandatory Attendance</b>	no	<b>ECTS Credit Points</b>	5
<b>Participation Limit</b>		<b>Semester Hours per Week</b>	4
<b>Group Size</b>		<b>Workload (hours)</b>	150
<b>Teaching Language</b>	English	<b>Presence Hours</b>	60
<b>Study Achievements ("Studienleistung", SL)</b>		<b>Self-Study Hours</b>	90
<b>SL Length (minutes)</b>		<b>SL Grading System</b>	

The following section is filled only if there is a course-specific exam.

<b>Exam Type</b>		<b>Exam Language</b>	
<b>Exam Length (minutes)</b>		<b>Exam Grading System</b>	
<b>Learning Outcomes</b>			
<b>Participation Prerequisites</b>			

The previous section is filled only if there is a course-specific exam.

<b>Contents</b>	The course teaches actual research and development topics in mechanical engineering and is held by one or more lecturers that allows to show different aspects of actual mechanical engineering research and projects.
<b>Literature</b>	A list of suitable textbooks is provided at the beginning of the lecture.
<b>Remarks</b>	