Course Organisation

Master „Battery Technologies“ at Kiel University of Applied Sciences

	5CP	5CP	5CP	5CP	5CP	5CP
1 Sem.	Master Project – Battery Technologies Project (100%)	Introduction to Electro-Chemo-Mechanics *Oral Exam (100%)*	Embedded Systems *Laboratory Exam (100%)*	Electric Grids and Battery Storage *Portfolio Exam (100%)*	Elective Modul 1 *Technical Test (100%)* Battery Manufacturing *Laboratory Exam (100%)*	Applied Electrochemistry for Batteries *Oral Exam (100%)*
2. Sem.		Complex Automation Systems *Laboratory Exam (Pass /Failed)* *Presentation (100%)*	Battery Management and Battery Diagnostics *Laboratory Exam (100%)*	Machine Learning for Production *Presentation (50%)* *Report (50%)*	Elective Modul 2 *Technischer Test* (100%) Battery Manufacturing *Laboratory Exam (100%)*	Battery-Recycling *Laboratory Exam (Pass/Failed)* *Written Exam (100%)*
3. Sem.	Master-Thesis – Battery Technologies (25LP)					Colloquium (5LP) - Battery Technologies
		Faculty of Machinery HAW-Kiel	Faculty of Computer Science and Electrical Engineering HAW-Kiel	Cooperation CAU, Kiel	Cooperation ISIT, Fraunhofer ISIT	