Laboratories (at least 10 Credits)				
Module No.	**Module Name**	**Chair**	**Turnus**	**Credits**
ED180032	Advanced Power Electroincs Systems - Design and Implementation of a DC-DC Converter	Heldwein	WS	7
MW2134	Computation al Thermo-Fluid Dynamics	Polifke	WS/SS	4
ED140016	Computational Flow Stability and Transition	Polifke	WS/SS	6
ED180012	Design of Wind Farms	Bottasso	WS/SS	5
EI73631	Electrical Energy Storage Lab	Jossen	WS/SS	6
EI7467	Interdisciplinary Project Internship Concept Development of a Renewable Energy System in a Developing Country	Hamacher	WS	6
ED180015	Lab Energy Informatics	Goebel	WS/SS	5
MW1869	Laboratory Course Energy Systems for MSPE	Spliethoff	SS	5
EI8035	Laboratory Course High Voltage Technology	Jossen	WS/SS	5
ED150023	Life Cycle Assessment with Python	Viermetz	WS	4
EI74491	Modellierung von Lithium-Ionen-Zellen	Jossen	WS/SS	5
EI78019	Practical Course Control of Low-Power Automotive Drives	Heldwein	WS/SS	6

EI80006	Practical Course Power Electronics DC/DC Converter	Heldwein	WS/SS	6
EI80003	Practical Course Simulation and Optimization of Mechatronic Drive Systems	Heldwein	WS/SS	6
EI7442	Praktikum Schaltungsentwicklung für Batteriesysteme	Jossen	WS	8
EI7417	Project Course Drive Systems and Power Electronics	Heldwein	WS/SS	6
EI74831	Project Lab Renewable und Sustainable Energy Systems	Hamacher	WS/SS	6
EI80008	Project Laboratory on Distribution Grid Simulation Corresponding course in German EI74531 Projektpraktikum Simulation Elektrischer Energieversorgungsnetz can be taken instead.	Witzmann	SS	5
EI7265	Projektpraktikum Energiemanagement-Technologien	Goebel	WS/SS	6
ED010003	Recognized Practical Course		WS	4
EI78022	Simulation and Commissioning of Electrical Actuators	Herzog	WS/SS	5
MW1277	Simulation of Thermofluids with Open Source Tools	Polifke	WS/SS	4
MW2285	Wind Tunnel Testing of Wind Turbines	Bottasso	WS	4
ED150058	Practical Simulation of Electric Vehicle Drives	Jaensch	WS	4