

Examination board REMENA
Student Services Room 1324
Wilhelmshöher Allee 71–73
34121 Kassel

**Application to change the examination regulations for the Master's degree program
"Renewable Energy and Energy Efficiency for the Middle East and North Africa (MENA) Region" at
the Department of Electrical Engineering/Computer Science of the University of Kassel**

Dear Sir or Madam,

I hereby apply to change my curriculum into the latest examination regulations from December 10, 2025 (PO 2026) for the REMENA Master's degree program and to be examined according to these examination regulations. Furthermore, I request the recognition of all certificates already obtained and valid in the latest version of the examination regulations from January 24, 2018.

Surname: _____ First name: _____

Students ID number: _____ Phone-No. _____

E-Mail: _____

I confirm that I have read the information on the change to the new examination regulations from December 10, 2025 (on pages 1, 2 and 3) and I am aware of the new regulations and their provisions. With my signature I acknowledge that a withdrawal is excluded.

Date

Signature

Information on the change to the study examination regulations REMENA 2026

1. In addition to the 84 credit points required to register for the Master's thesis, the new exam regulations also require that all basic modules must be passed prior to registering the Master's thesis.
2. The course "German-Arab Relations" (2 credit points) is renamed to "German Energy Transition – Politics and Policies" and is worth 3 credit points.
3. The "German and Arab Language Course" is now worth 3 credit points instead of 2 credit points.
4. The course "Energy and Society" is now worth 2 credit points instead of 1 credit point.
5. The course "Intercultural Communication" is no longer part of the basic module but belongs to the elective module "International Project Management".
6. Please note
 - a. that Cairo University is no longer Partner-University but Jawaharlal Nehru Technological University Hyderabad
 - b. The title of the degree program has changed to "Renewable Energy and Energy Efficiency – Management, Engineering, and Application – REMENA"

Modules for "Renewable Energy and Energy Efficiency - Management, Engineering, and Application ĩ REMENA" PO 2026

Modules Kassel

Module	Type	Site	Course	Credit Points (CP)
Engineering Basics 1	Basic	Kassel	Electrical Engineering Fundamentals	5
			Control Systems	3
Engineering Basics 2	Basic	Kassel	Technical Mechanics	2
			Engineering Mathematics	3
German Competencies	Basic	Kassel	German Energy Transition - Politics and Policies	6
			German Language Course Kassel	3
REEE in Buildings	Elective	Kassel	Energy Efficiency in Buildings	5
			Photovoltaic Systems	3
International Project Management	Elective	Kassel	International Project Management	2
			Intercultural Communication	2
Social Aspects of RE	Elective	Kassel	Project Management in Development Cooperation	4
			Energy and Society	2
Smart Power Systems	Elective	Kassel	Smart Grids	5
			Grid Integration	3
Bio Power	Elective	Kassel	Bio Gas	2
			System Aspects of Bio Power Generation	2
Solar Thermal Systems	Elective	Kassel	Concentrated Solar Thermal Systems	4
			Solar Thermal Cooling	2
Energy Storage 1	Elective	Kassel	Introduction to Energy Storage	5
			Hydrogen and Power-to-Chemical Technologies	2
Energy Storage 2	Elective	Kassel	Battery Energy Storage Systems	4
			Flexible Generation and Demand Side Management	2
Energy Efficiency	Elective	Kassel	Energy Efficiency in Cross-Sectional Technologies	6
			Energy Efficiency Through Process Integration	3
Economic Aspects of RE Projects	Elective	Kassel	Business Economic Aspects of RE	4
			Entrepreneurship in Germany	2
Wind Energy Technology	Elective	Kassel	Mechanical Aspects of Wind Energy	6
			Electrical Aspects of Wind Energy	3
Scientific Programming and Publishing	Elective	Kassel	Introduction to MATLAB	6
			Introduction to LaTeX	4
				2
				73

Modules Monastir

Module	Type	Site	Course	Credit Points (CP)
Energy and Thermodynamic Basics 1	Basic	Monastir	Thermodynamics Fundamentals	6
			Heat Transfer Fundamentals	2
Energy and Thermodynamic Basics 2	Basic	Monastir	Fluid Mechanics Fundamentals	4
				4
Language and Communication Competencies	Basic	Monastir	German and Arab Language Course Monastir	6
			English Presentation and Communication Techniques	3
Advanced Energy Engineering	Elective	Monastir	Applied Heat Transfer	6
			Advanced Fluid Mechanics	3
Energy and Environment	Elective	Monastir	Energy and Environmental Context, Energy Transition and Sustainable Development	4
			Energy and Environmental Management Systems	2
Management and Engineering Mathematics	Elective	Monastir	Numerical Methods and Optimization	5
			Project Management and Industrial Marketing	3
Solar Energy Subsystems	Elective	Monastir	Solar Energy Collectors	5
			PV Solar Energy Materials	3
Geothermal Energy	Elective	Monastir	Geothermal Resource Identification and Development	2
			Geothermal Applications	3
Combined Cooling, Heating and Power (CCHP)	Elective	Monastir	Theory and Technology of Combined Heating, Cooling & Power	5
			Applications of Combined Heating, Cooling & Power	2
				3
				46

Modules Hyderabad

Module	Type	Site	Course	Credit Points (CP)
Thermodynamic Basics 1	Basic	Hyderabad	Engineering Thermodynamics	6
			Heat Transfer	3
Thermodynamic Basics 2	Basic	Hyderabad	Fluid Mechanics	6
			Material Science	3
Language and Presentation	Basic	Hyderabad	German Language Course Hyderabad	4
			Presentation and Moderation Techniques	3
Development of Renewable Energy Projects	Elective	Hyderabad	Project Planning and Tendering	7
			Project Commissioning, Operation and Maintenance	3
Fundamentals of REEE	Elective	Hyderabad	Renewable Energy Technologies	7
			Solar Power Engineering	3
Ecological Aspects of REEE	Elective	Hyderabad	Environmental Pollution and Control	7
			Waste Management and Recycling	3
				4
				37