



Project Title: Modernising Undergraduate Renewable Energy Education: EU Experience for Jordan

Acronym: MUREE

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Deliverable Title	<i>New Curricula for RE Courses</i>		
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Organisation Name(s)	<i>PSUT, UoJ, JUST, Hashemite University and Mutah University</i>		
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Jordanian professors have begun to deliver the accredited 6 courses starting from the academic year 2014/2015. The table below shows the courses being taught at the different Jordanian partner institutions, instructor, and the number of students enrolled and the semester in which it is being offered. Two courses were offered in UoJ during the summer courses, 4 courses were offered in 5 universities in the first semester of the academic year 2014/2015, and 4 courses will be offered in the second semester of the academic year 2014/2015. These courses will be offered indefinitely after the project's lifetime. Material of the various course were uploaded into the project's intranet as well as into the VLE, showing the pedagogical approach followed including lecture distribution, seminars, case studies, group work, report writing, and independent research.

Course	Institution	Instructor	No. of Students	Semester	Year
Energy Conversion	UoJ	Osama Ayadi	60	Summer	2013-2014
Solar Energy	UoJ	Osama Ayadi	57	Summer	2013-2014
Special Topics (Renewable Energy Systems)	UoJ	Ahmed Al- Salaymeh	51	First	2014-2015

Solar Energy	UoJ	Ali Badran	56	First	2014-2015
Sustainable Energy Conversion	JUST	Mohd Al Nimer	102	First	2014/2015
Energy Conversion	MUTAH	Handr Ammari	1	First	2014/2015
Principles of Renewable Energy Systems	HU	Bashar Hammad	20	First	2014/2015
Electric Machines Drives	PSUT	Fathi Amoura	15	First	2014/2015
Energy Conversion	PSUT	Ali Badran	39	First	2014/2015
		Abdul Ghani Bali	18	First	2013/2014
Renewable Energy System	PSUT	Majd Batarseh	30	Second	2014/2015
		Ayman Faza	25	Second	2013/2014
Principles of Renewable Energy Systems	HU	Bashar Hammad	35	Second	2014/2015
Energy Conversion	UoJ	Ali Badran	50	Second	2014-2015
Solar Energy	UoJ	Osama Ayadi	50	Second	2014-2015
Wind Energy	MUTAH	Khalid Ramadan	-	Second	2014/2015

In addition, 4 laboratories were offered to SPUT students during the first semester of the academic year 2014/2015. The labs were fully equipped with equipment purchased through MUREE Tempus budget. The same labs will be offered next semester and run indefinitely after the project's lifetime. Participation of students from UoJ, JUST, HU and MUTAH will now be possible as MoUs have been signed to share the labs amongst all Jordanian partners' students.

Lab	Institution	Instructor	No. of Students	Semester	Year
Power Systems Protection	PSUT	Dr. Jamal Thalji	15	First	2014-2015
Power Systems	PSUT	Ayman Faza	15	First	2014-2015
Electric Machines	PSUT	Ayman Faza	15	First	2014-2015
Power Electronics	PSUT	Majd Batarseh	15	First	2014-2015

Feedback on the courses and labs will be discussed fully in a report filed under DEV2.7 Monitoring and Feedback Methodology and Reports, both for first and second semester results.