

USPCAS-E List of Offered Courses (Fall 2024)

No	Course Code	Course Title	CH	Name of FM
1	ESE-837	Electrochemical Energy Storage and Conversion	3	Dr. Naseem Iqbal
2	ESE-804	Applied Solar Energy (Core)	3	Dr. Nadia Shahzad
3	ESE-821	Energy Resources & Technologies (Core)	3	Dr. Rabia Liaquat
4	RE-800	Renewable Energy Resources (Core) - Evening	3	Dr. Rabia Liaquat
5	ESE-832	Energy and Climate Change	3	Dr. Muhammad Hassan
6	ESE-904	Advanced Energy Materials: Synthesis & Characterization	3	Dr. Ghulam Ali
7	ESE-813	Energy Economics & Policy (Core) - Evening	3	Dr. Waqar Khalid
8	ESE-835	Materials Science and Engineering	3	Dr. Mustafa Anwer
9	RE-824	Energy and Water Nexus - Evening	3	Dr. Abeera Ayaz Ansari
10	ESE-829	Functional Nanomaterials for Renewable Energy	3	Dr. Ghulam Ali
11	EE-863	Power Systems Analysis (Core)	3	Dr. Syed Ali Abbas Kazmi
12	ESE-817	Wind Energy (Evening) - Evening	3	Dr. Hassan Abdullah Khalid
13	EEE-801	Clean Energy Generation, Integration and Storage (Core)	3	Dr. Hassan Abdullah Khalid
14	EEE-801	Clean Energy Generation, Integration and Storage - Evening	3	Dr. Kashif Imran
15	EEE-812	Advanced Power System Protection	3	Dr. Kashif Imran
16	EPE-910	Smart Power Systems	3	Dr. Muhammad Yousif
17	ESE-909	Smart Grid Architecture	3	Dr. Muhammad Yousif
18	EEE-817	High Voltage Engineering	3	Dr. Farasat Abbas
19	EEE-814	Advanced Power Electronics	3	Dr. Farasat Abbas
20	TEE-803	Conventional and Renewable Energy Power Plants	3	Dr. Asif Hussain Khoja
21	TEE-815	Advanced Heat and Mass Transfer (Core)	3	Dr. Majid Ali
22	TEE-823	Solar Thermal Power Systems	3	Dr. Majid Ali
23	TEE-821	Advanced Thermal Energy Storage Systems	3	Dr. Naveed Ahmed
24	TEE-801	Advanced Thermodynamics (Core)	3	Dr. Sana Yaqub
25	TEE-817	Computational Fluid Dynamics for Thermal Energy Systems	3	Dr. Qazi Shahzad Ali
26	CHN-1	Chinese Language Course	2	TBD