

USPCAS-E List of Offered Courses (Fall 2023)

No	Course Code	Course Title	CH	Name of FM
1	EPE-811	Elective Electric Power Quality	3	Dr. Hassan Abdullah Khalid
2	EPE-816	Electric Power Markets	3	Dr. Kashif Imran
3	EPE-817	High Voltage Engineering	3	Dr. Muhammad Farasat
4	EPE-800	Power System Operation, Control, and Optimization	3	Dr. Muhammad Yousif
5	EPE-909	Smart Grid Architecture	3	Dr. Muhammad Yousif
6	EE-863	Power System Analysis	3	Dr. Syed Ali Abbas Kazmi
7	ESE-832	Energy and Climate Change	3	Dr. Abeera Ayaz Ansari
8	ESE -819	Environmental Impact Assessment	3	Dr. Abeera Ayaz Ansari
9	ESE-829	Functional Nanomaterials for Renewable Energy	3	Dr. Ghulam Ali
10	ESE-816	Development and Evaluation of Energy Projects	3	Dr. Kafaitullah
11	ESE-813	Energy Economics and Policy	3	Dr. Kafaitullah
12	ESE-827	Energy from Biomass: (Thermochemical Processes)	3	Dr. Muhammad Hassan
13	ESE-907	Photocatalysis Advancement and Applications	3	Dr. Mustafa Anwer
14	ESE-804	Applied Solar Energy	3	Dr. Nadia Shahzad
15	ESE-837	Electrochemical Energy Storage and Conversion	3	Dr. Naseem Iqbal
16	ESE-821	Energy Resources and Technologies	3	Dr. Rabia Liaquat
17	ESE-835	Materials Science and Engineering	3	Dr. Sehar Shakir
18	TEE-815	Advanced Heat and Mass Transfer	3	Dr. Majid Ali
19	TEE-803	Conventional and Renewable Energy Power Plants	3	Dr. Muhammad Bilal Sajid
20	TEE-817	Computational Fluid Dynamics for Thermal Energy Systems	3	Dr. Qazi Shahzad Ali
21	TEE-801	Advanced Thermodynamics	3	Dr. Sana Yaqub