

M.Sc./Ph.D. Electrical Engineering Time Table Spring Semester 2019

Classes Starts from Monday, January 21, 2019

S. No.	Title / Teacher	Majors	Pre-requisite G: Graduate UG: Undergraduate	Day/ Time/	Room #
1.	EE504: Advanced Power Systems Dr. Muhammad Asghar Saqib	Power	Power System Analysis, Power System Operation and Control (UG)	Monday, Wednesday 07:30 PM to 09:00 PM	125a
2.	EE505: Optimization Theory Dr. Muhammad Tahir	Computer, Control, Power, Electronics & Communications	None	Monday Wednesday 06:00 PM to 07:30 PM	125a
3.	EE511: Advanced Computer Networks Dr. Muhammad Ali	Computer & Electronics & Communications	Computer Networks (UG)	Tuesday, Thursday 06:00 PM to 07:30 PM	126b
4.	EE517: Design and Analysis of Algorithms Dr. Kashif Javed	Computer	Basic math background: sets, functions. When required, we'll recap the necessary background.	Tuesday, Thursday 04:30 PM to 06:00 PM	125a
5.	EE520: Wireless and Mobile Communication Dr. Syed Shah Irfan Hussain	Electronics and Communications	EE502: Stochastic Processes (G) Linear Algebra (UG)	Monday Wednesday 04:30 PM to 06:00 PM	125a
6.	EE521: Information and Coding Theory Dr. Ubaid Ullah Fayyaz	Electronics & Communications	EE502: Stochastic Processes (G)	Tuesday, Thursday 04:30 PM to 06:00 PM	120c
7.	EE528: Antenna Theory and Design Dr. Farooq Mukhtar	Electronics & Communications	Electromagnetic Field Theory, Transmission Line and Wave Propagation	Wednesday 07:30 PM to 09:00 PM Friday 04:30 PM to 06:00 PM	120c
8.	EE536: Digital Control Systems Dr. K. M. Hasan	Control	Control Systems (UG)	Tuesday, Thursday 06:00 PM to 07:30 PM	115
9.	EE545: Power System Quality Dr. Muhammad Kamran	Power	Power System Analysis (UG)	Tuesday, Thursday 07:30 PM to 09:00 PM	125a
10.	EE546: Renewable Electric Energy Systems Dr. Muhammad Imran Sheikh	Power	Nil	Monday 07:30 PM to 09:00 PM Friday 04:30 PM to 06:00 PM	126b
11.	EE547: Advanced Power Electronics Dr. Umar Shami	Control & Power	Power Electronics (UG), Signals and Systems (UG)	Tuesday, Thursday 04:30 PM to 06:00 PM	126b
12.	EE548: Smart Grids Dr. Syed A. R. Kashif	Power	Power Systems Analysis (UG)	Monday, Wednesday 06:00 PM to 07:30 PM	126b
13.	EE599d: Wind Energy Conversion Systems Dr. Syed Ali Kamran Shah Jafri	Power, Control	Power Electronics, Control of Electrical Machine Drives, Electric Circuits (UG)	Tuesday, Thursday 06:00 PM to 07:30 PM	125a
14.	EE599o: Micro-Electro-Mechanical-Systems (MEMS) Dr. Farooq Ahmad	Electronics & Communications & Control	Fundamentals of Electromagnetics, Microelectronic Circuits (UG)	Friday 06:00 PM to 09:00 PM	125a
15.	EE599t: Switch Mode Power Supply Dr. Tahir Izhar	Power & Control	Power Electronics, Semiconductor Devices, Analogue & Digital Electronic Circuit Devices (UG)	Tuesday, Thursday 07:30 PM to 09:00 PM	115
16.	EE599u: Meta-Heuristic Optimization Algorithms in Power Systems Mr. Salman Fakhar	Power	Power System Operation & Control (UG)	Monday, Wednesday 04:30 PM to 06:00 PM	126b

IMPORTANT:

- The Semester is going to start from Monday, January 21, 2019 and Registration will start from Tuesday, January 22, 2019 at 11:00 AM. Courses will be allocated on a first come first serve basis.
- All students will register their course online by logging on to <http://lms.uet.edu.pk/web/login>.
- PhD students must get the recommendation of their supervisor before registering any course.
- Students are advised that try to register courses of their own specialization. If a course is more demanding in that case students of other specializations will be dropped from the course.
- A course may be dropped in case of insufficient number of students.
- The only eligibility requirement for taking the final exam is that your class attendance should be at least 75%.
- No course can be registered/ dropped after the Add/Drop period.
- Add/Drop period ends on Friday, February 1st, 2019 at 04:00 PM.
- A student can register for maximum THREE courses at a time.
- If a student does not drop a course in Add/Drop period his result will be forwarded accordingly, whether he takes classes or not.
- Please check the course pre-requisites before registering. Your registration in that course may be cancelled if you have not passed the pre-requisites.
- For graduation, there are two options for the students – either he needs to do a thesis in his area of specialization along with at least six courses from his major specialization area and a maximum of two courses from any of other three specialization areas **or** at least eight courses from his major specialization area and a maximum of two courses from any of other three specialization areas plus a design project.
- All M.Sc. students must pass following four core courses of their specialization to complete M.Sc. degree.

Power	Computer	Control	Electronics & Communication
1. EE 504: Advanced Power Systems 2. EE 505: Optimization Theory 3. EE 530: Power Electronics Converters 4. EE 543: Power System Planning	1. EE 501: Simulation Modeling and Analysis 2. EE 505: Optimization Theory 3. EE 512: Machine Learning 4. EE 517: Design and Analysis of Computer Algorithms	1. EE 502: Stochastic Processes 2. EE 503: Linear System Theory 3. EE 505: Optimization Theory 4. EE 530: Power Electronics Converters	1. EE 502: Stochastic Processes 2. EE 505: Optimization Theory 3. EE 520: Wireless and Mobile Communication 4. EE 528: Antenna Theory and Design

- Semester Schedule

Commencement of Teaching	21-01-2019
Midterm Examination	18-03-2019 to 29-03-2019
Conclusion of Teaching	10-05-2019
Endterm Examination	13-05-2019 to 24-05-2019