M.Sc./Ph.D. Electrical Engineering Time Table Fall Semester 2018

Classes Starts from Monday, September 3, 2018

S. No.	Title / Teacher	Majors	Pre-requisite **G**: Graduate **UG**: Undergraduate	Day/ Time/	Room #
1.	**EE 501:** Simulation Modeling & Design Dr. Fahim Gohar Awan	Computer, Control Electronics & Communications	Linear Algebra, Signals and Systems, undergraduate course in probability, Basic Programming skills (C/C++, MATLAB, Java, etc.).	Tuesday, Thursday 07:30 PM to 09:00 PM	EE-125a
2.	**EE 502:** Stochastic Processes Dr. Ubaid Ullah Fayyaz	Computer, Control, Electronics & Communications	Linear Algebra, Signals and Systems and Applied Probability and Statistics or any undergraduate course in probability (preferable)	Monday, Wednesday 04:30 PM to 06:00 PM	EE-125a
3.	**EE 503:** Linear Systems Theory Dr. K. M. Hasan	Computer, Control, Power, Electronics & Communications	Control Systems (UG)	Tuesday, Thursday 06:00 PM to 07:30 PM	EE-125a
4.	**EE 505:** Optimization Theory Dr. Muhammad Tahir	Computer, Control, Power, Electronics & Communications	Linear Algebra	Monday, Wednesday 06:00 PM to 07:30 PM	EE-126b
5.	**EE 512:** Machine Learning Dr. Kashif Javed	Computer	None	Tuesday, Thursday 04:30 PM to 06:00 PM	EE-125a
6.	**EE 514:** Embedded Systems Design Dr. Tayyab Mahmood	Computer	Digital Logic and Design, Microprocessor systems, Digital System Design, Programming skills in C/C++	Friday 04:30 PM to 07:30 PM	EE-120c
7.	**EE 518:** Network Security Dr. Muhammad Ali	Computer	Probability (UG) Computer Networks (UG)	Tuesday, Thursday 06:00 PM to 07:30 PM	EE-120c
8.	**EE 530:** Power Electronic Converters Dr. Tahir Izhar **(Sec: A)**	Control & Power	Power Electronics (UG)	Monday, Wednesday 7:30 PM to 09:00 PM	EE-015
9.	**EE 530:** Power Electronic Converters Dr. Umar Shami **(Sec: B)**	Control & Power	Power Electronics (UG)	Tuesday, Thursday 04:30 PM to 06:00 PM	EE-126b
10.	**EE 535:** Control of Electrical Machine Drives Dr. Syed Abdul Rahman Kashif	Control	Power Electronics (UG) Control Systems (UG)	Monday, Wednesday 04:30 PM to 06:00 PM	EE-126b
11.	**EE 543:** Power System Planning Dr. Muhammad Kamran	Power	EE 504: Advanced Power Systems (G) (Preferable)	Tuesday, Thursday 07:30 PM to 09:00 PM	EE-126b
12.	**EE 544:** Advanced High Voltage Engineering Dr. Suhail A. Qureshi	Power	High Voltage Engineering (UG)	Tuesday, Thursday 06:00 PM to 07:30 PM	EE-126b
13.	**EE 599q:** Advanced Wind Energy Conversion Systems (AWECS) Dr. Syed Ali Kamran	Power & Control	Power Electronics, Control of Electrical Machine, Electric Circuits (UG).	Wednesday, Friday 06:00 PM to 07:30 PM	EE-125a
14.	**EE 641:** Advanced Power Systems Operation and Control Dr. Muhammad Asghar Saqib	Power	Power System Analysis, Power System Operation and Control (UG)	Monday, Wednesday 07:30 PM to 09:00 PM	EE-126b
15.	**EE 533:** Nonlinear Dynamical Systems Dr. Sajid Iqbal (Mechatronics Department)	Control	Calculus, Linear Algebra, Basic Programing Skills (UG)	Monday 08:00 PM to 09:30 PM Thursday 06:30 PM to 08:00 PM	MCT Deptt.

IMPORTANT:

- Registration will start from Monday, September 03, 2018 at 02:00 PM. Courses will be allocated on a first come first serve basis.
- Students of session 2018 are directed to collect their registration slip and LMS login credentials from PG Office well before the start of registration.
- All students will register their course online by logging on to **http://lms.uet.edu.pk/web/login.**
- PhD students must get 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, September 14, 2018 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 will 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