

**Tuesday  
(19/1/2016)**

**Wednesday  
(20/1/2016)**

**Thursday  
(21/1/2016)**

9:00 - 10:00  
10:00 - 11:00  
11:00 - 12:00  
12:30 - 1:30  
9:00 - 10:00  
10:00 - 11:00  
11:00 - 12:00  
10:00 - 11:00  
9:00 - 10:00

Lab 302				Lab 310				Lab 311			
Supervisor				Supervisor				Supervisor			
21	Waypoint Navigation and Control of an Unmanned Ground Vehicle (UGV) with Obstacle Avoidance Capability	Dr. Mohamed ElMahallawy + Dr. Bassem Sheta						19	Deployment Scenarios for Cognitive Radio in 5G Networks	Dr. Mohsen M. Tanatwy	
22	Smart Home System	Dr. Mohamed ElMahallawy + Dr. Mostafa Fedawy		12	Wireless Detector for submersed plants	Dr. Hazem H. Ali		5	Vision Based Real Time Objects Detection and Tracking	Dr. Bassem Sheta	
23	Carbon Nanotube Transistors (CNT): Physics, Modeling, and Applications	Dr. Mostafa Fedawy		11	Eye Controlled Wheel chair for Handicapped	Dr. Hazem H. Ali		20	Code Synchronization in Spread Spectrum Communication Systems	Dr. Salah Sayed Elagooz	
								25	Simulation and hardware implementation of 5G mobile communication system	Dr. Khaled Shehata + Dr. Safa Gasser	
17	Compact Power Splitter/Combiner for Wireless Communications	Dr. Mohamed Hassan + Dr. Mahmoud A Abdalla		10	FPGA Design and Implementation of DNA-based encryption algorithm	Dr. Hanady Hussein Issa + Dr. Saleh Eisa					
16	Planar Multi Band Metamaterial Antennas for WLAN Applications	Dr. Mohamed Hassan + Dr. Mahmoud A Abdalla		3	Architecture Design and FPGA Implementation of LDPC for DVB applications	Dr. Khaled Shehata + Dr. Safa Gasser		6	Handheld Navigation System and data logger with GSM	Dr. Ahmed Mohsen	
4	VLSI Test Circuits	Dr. Amr Bayoumi		24	Crowd sensing for traffic irregularities based on human mobility and social media	Dr. Safa Gasser		7	Design and Simulation of Routing Protocols in Mobile Ad hoc Networks (MANETs)	Dr. Hussein El Attar	
				13	Car Anti-Theft System (CATS)	Dr. Hesham El Badawy		2	WiMAX System	Dr. Mohamed Aboul-Dahab	
				14	Mobile/Vehicle Direction Finder (MDF/VDF)	Dr. Hesham El Badawy		8	Design, simulation and Performance Analysis of Voice over IP (VoIP) Networks	Dr. Hussein El Attar	