

Module: Secure IoT and System Architecture
Module Convenor: Dr Christos Emmanouilidis

Location: B50 G06 LR1

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Date	29 October 2018	30 October 2018	31 October 2018	1 November 2018	2 November 2018
Time					
09:00-09:55	Introduction to IoT Dr Christos Emmanouilidis	IoT System Design, Architecture, and Management Dr Christos Emmanouilidis	IoT – Data Management and Analytics Data-Driven Value Chains for IoT Driven Product and Service Innovation Dr Christos Emmanouilidis	IoT Security Prof P Theron	Industrial Data Space and IoT Impact Dr Christos Emmanouilidis
10:00-10:55					
10:55-11:10	Break	Break	Break	Break	Break
11:10-12:05	IoT Enabling Technologies Dr Christos Emmanouilidis	IoT Connectivity and Industrial Internet Dr Christos Emmanouilidis	IoT Case Studies - 1 Dr Christos Emmanouilidis	IoT Security Case Studies Hardware Trojans, Sohaib Aslam Design for Secure Accessibility in Electronics, Iftihar Soomro	Week Task Activity Presentation and Assignment Activity
12:10-13:05					
13:05-14:15	Lunch	Lunch	Lunch	Lunch	Lunch
14:15-15:10	Standards and Applications Dr Christos Emmanouilidis	IoT: from Design to Implementation Dr Christos Emmanouilidis	IoT Business Models, Data Ownership and IoT-enabled Innovation Dr Christos Emmanouilidis	IoT Case Studies – 2 IoT Challenges Dr Christos Emmanouilidis	FREE
15:15-16:10					
16:10-16:25	Break	Break	Break	Break	
16:25-17:20	Week Task and Assignment Introduction	Week Task Activity and Feedback	Week Task Activity and Feedback	Week Task Activity and Feedback	FREE