

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	Business Models and Data Ownership Dr Christos Emmanouilidis	IoT Security Prof P Theron	IoT in Manufacturing: Case Studies - 2 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 Platforms and Industrial Data Space Dr Christos Emmanouilidis	IoT Challenges 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	Applications and Standards Dr Christos Emmanouilidis	IoT Enabled Data Value Chains: IoT-Driven Analytics for Product and Service Innovation Dr Christos Emmanouilidis	IoT in Manufacturing: Case Studies - 1 Dr Christos Emmanouilidis	IoT Security Risk Management and Manufacturing Environments 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