IT8313	Wireless Communications

Bahrain Polytechnic
بوليتكنك البحرين

Course Aim To provide students with an advanced understanding of mobile and wireless communication concepts. To allow students to design and implement a modern mobile/wireless infrastructure in a specialist level, similar to the ones implemented by the mobile carriers in Bahrain.

Short Title		Version	4
Faculty	EDICT	Effective From	September 1, 2018
		NQF Level	8
Credits	15	Student Contact hrs	60
Pre-requisites	IT7003 (ITB6003)	Self-directed hrs	90
Co-requisites		Other directed hrs	0
Anti-requisites		Total learning hrs	150

Learning Outcomes

On successful completion of this course, students will be able to:

		NQF Sub-strand
1	Demonstrate critical knowledge and understanding of the communications theory fundamentals that allow mobile/wireless networks to function.	Theoretical Understanding
2	Plan, design and implement wireless communication technologies for given scenarios.	Practical Application of knowledge
3	Critically analyze the performance of various wireless communication technologies to determine appropriate solutions	Generic, Problem Solving and Analytical Skills