	EN6020 Digital Devices 8	& Systems	بوليتكنك البحرين Bahrain Polytechnic
Course Aim	m To develop a detailed theoretical understanding of the characteristics, behaviour and operation of digital devices and systems and to acquire basic skills in the design and testing of digital electronics circuits.		
Short Title Faculty Credits Pre-requisites Co-requisites Anti-requisites	EDICT 15 EN6000 (ENB5000) and EN6010 (ENB5010) None	Version 3 Effective From February 2 Indicative NQF Level 6 Student Contact hrs 90 Self-directed hrs 60 Other directed hrs 0 Total learning hrs 150	1, 2016
Learning Outcomes	<ul> <li>On successful completion of this course, s</li> <li>1 Demonstrate detailed knowledge in the ap simplify logic circuits.</li> <li>2 Apply detailed knowledge and basic skills i solve combinational logic problems.</li> <li>3 Apply detailed knowledge and basic skills i design sequential logic circuits.</li> <li>4 Demonstrate detailed knowledge in identified description language.</li> </ul>	plication of Boolean Algebra to n the design methodology used to n the design methodology used to	NQF Sub-strand Theoretical Understanding Practical Application of knowledge Practical Application of knowledge Practical Application of knowledge