Course Aim	EN6107 Material Science To develop an understanding of the character material selection for a particular application.	ristics and properties of materials &	بوليتڪنك البدرين Bahrain Polytechnic
Short Title Faculty Polytechnic Level Credits Pre-requisites Co-requisites Anti-requisites	EDICT 15 None None	Version 3 Effective From September 1, Indicative NQF Level 6 Student Contact hrs 75 Self-directed hrs 75 Other directed hrs 0 Total learning hrs 150	2016
Learning Outcomes	 methods, conducting tests and analyzing results. 2 Select appropriate methods to achieve specific material property improvements and alterations. 3 Complete appropriate material selection processes for given engineering applications. 		NQF Sub-strand Practical Application of knowledge Generic, Problem Solving and Analytical Skills Autonomy, Responsibility, Context Theoretical
	materials used in engineering applicationsIdentify the relationship between material mechanisims of materials in service.		Understanding Communication, ICT, Numeracy