	EN7908 Manufacturing, Control and Environmental Sustainability		بوليتكنك البحرين Bahrain Polytechnic
Course Aim	To equip students with specialized knowledge of engineering manufacturing process and their environmental impacts. The principles and concepts of process control will also be covered.		
Short Title	ManConEnv	Version 1	
Faculty	EDICT	Effective From February 1,202	18
		NQF Level 7	
Credits	15	Student Contact hrs 90	
Pre-requisites	EN6990 (or ENB5990)	Self-directed hrs 60	
Co-requisites	None	Other directed hrs 0	
Anti-requisites	EN6908	Total learning hrs 150	
Learning	On successful completion of this course, s	tudents will be able to:	NQF Sub-strand
0	<ol> <li>Select and analyse appropriate mechanical engineering manufacturing processes for metal components/assemblies to achieve required product specifications. Range includes: casting, , forging, rolling , extrusion</li> <li>Design, process, evaluate and cost parameters for casting and metal forming applications.</li> <li>Analyse environmental impact of manufacturing activities</li> </ol>		
			Communication, ICT, Numeracy
			Theoretical Understanding
	4 Critically analyse the effectiveness of a feed engineering application	dback control system for a practical	Generic, Problem Solving and Analytical Skills