

APPROVED

EN8908: Manufacturing Processes

Course Details

Course Code:	EN8908
Course Title:	Manufacturing Processes APPROVED
Short Title:	Manufacturing
Course Level::	Level 8
Valid From::	2021/2022 Sem 1
Credits::	10
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	To provide engineering students with a critical knowledge and understanding of core engineering manufacturing processes and the ability use specialist skills to solve engineering manufacturing challenges.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Critically evaluate requirements for engineering prototypes manufacturing, define situations, produce designs and select processes according to industry practice and standards.
2	Demonstrate critical knowledge of, and integrate manufacturing design and processes theories.
3	Apply engineering process principles and management techniques in order to manufacture sustainable, environmental friendly engineering prototypes.
4	Work in groups efficiently taking responsibility and decisions.
5	Make formal presentations and produce engineering reports to communicate engineering designs and manufacturing processes for prototypes.
Requisites	
• Pre Requisite: EN7908	

Examinations
Assessment Type Examination (Unseen)
Other Controlled Assessments
Assessment Type Presentation
Uncontrolled Assessments
Assessment Type Practical Project

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
ENT8020	Bachelor of Engineering Technology (Mechanical)	3	Programme