

APPROVED

EN8231: Control System Design

Course Details

Course Code:	EN8231
Course Title:	Control System Design APPROVED
Short Title:	
Course Level::	Level 8
Valid From::	2018/2019 Sem 2
Credits::	15
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	To apply analysis and design techniques for the control of feedback systems and to apply the specification, analysis and design of feedback control systems using software simulation and control design software.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Demonstrate critical knowledge related to the analysis of stability and performance in closed-loop control systems.
2	Apply specialist skills in the advanced analysis and design of feedback control systems using software simulation and control design software.
3	Design, implement, test experimentally and critically analyse the effectiveness of a feedback control system for a practical engineering application.
Requisites	
<ul style="list-style-type: none"> • Pre Requisite: EN7230 and EN8007 • Anti Requisite: EN8230 (ENB7230) 	

Examinations
Assessment Type Examination (Unseen)
No Other Controlled Assessments
Uncontrolled Assessments
Assessment Type Practical Project
Assessment Type Practical Project

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
None			