

APPROVED

EN8080: Satellite Communication

Course Details

Course Code:	EN8080
Course Title:	Satellite Communication APPROVED
Short Title:	Satt Comm
Course Level::	Level 8
Valid From::	2021/2022 Sem 2
Credits::	15
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	This course provides students with a critical knowledge in satellite telecommunication systems and emphasizes on modern systems and their link budgets. The students will be exposed to examples of applications and tradeoffs that typically occur in engineering system design, and will be able to apply the knowledge in design problems.

CLO	
<i>On Completion of this course, the learner will be able to</i>	
#	Learning Outcome Description
1	Demonstrate critical knowledge of theories used to analyze satellite communication systems.
2	critically analyse and evaluate the unpredictable issues facing the design of satellite communication systems using standard research and analytical tool to propose suitable solutions.
3	Communicate the design and simulation results for a satellite communication system in a well written professional report to specialists and experts.
Requisites	
<ul style="list-style-type: none"> • Pre Requisite: EN7060 	

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

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
ENT8031	Bachelor of Engineering Technology (Electronics)	3	Programme