

Electrical Engineering Technology - National Diploma (ND)

PROJECT

Project 2

Project

EEC 280 PROJECT AND PROJECT REPORT WRITING Y2/4TH SEMESTER 0/0/3 HRS/WK

OUTCOMES

On completion of the module, the students should be able to:

1. Understand the practical constructional requirements of the project undertaken
2. Understand the standard format for project report writing

Course: PROJECT AND PROJECT REPORT WRITING		Course Code: EEC 280	Contact Hours: 45hrs/wks
Course Specification: Theoretical Content			
General Objective 1.0: Understand the practical constructional requirements of the project undertaken			
Week	Specific Learning Outcome:	Teachers Activities	Resources
1 - 4	1.1 Identify all the components in a given circuit 1.2 Explain the functionality of a schematic/block diagram given for the project. 1.3 Plan the layout for the execution of the project on stage-by-stage basis. 1.4 Carry out the execution of the project as scheduled in (1.3) 1.5 Test the functionality of the completed project. 1.6 Carry out correction of any detected error/faults	Teacher should give every necessary assistance to students during supervision	Chalk, board, circuit diagrams, layout and textbooks
General Objective 2.0: Understand the standard format for project report writing			
Week	Specific Learning Outcome:	Teachers Activities	Resources
5 - 8	2.1 Explain the purpose of each of the following sections of a project report. <ol style="list-style-type: none"> a. Cover page b. Title page c. Approval page d. Declaration page e. Table of contents f. Acknowledgements g. Abstract/Summary h. List of symbols/abbreviations i. List of tables 	<ul style="list-style-type: none"> • Explain to the students the approved format of writing technical reports • Show samples of project reports in the standard format 	- do -

Course: PROJECT AND PROJECT REPORT WRITING		Course Code: EEC 280	Contact Hours: 45hrs/wks
Course Specification: Theoretical Content			
General Objective 2.0: Understand the standard format for project report writing			
Week	Specific Learning Outcome:	Teachers Activities	Resources
5 - 8	<ul style="list-style-type: none"> j. List of figures k. Body of the project report, divided into chapters l. References m. Appendices <p>2.2 Explain the standard format of writing items (i) - (x) in 2.1 above. Arrange the body of the project report, according to the following chapters:</p> <p>2.3 Explain the standard format of writing references in regards to the following:</p> <ul style="list-style-type: none"> a. Textbooks b. journals c. past students' projects d. lecturer notes e. newspapers/magazine f. seminars/workshops, etc <p>2.4 Explain the standard format of presenting appendices in the form of</p> <ul style="list-style-type: none"> a. tables b. diagrams c. parts list, graphs, etc 		
9 - 15	<p>Chapter 1 Introduction: Purpose and scope of the project, principle of operation, limitation</p> <p>Chapter 2 Literature Review: Review of theory relating to the project topic, review previous studies, methods or works done by other authors or previous students' projects.</p> <p>Chapter 3 Construction: State-by-stage procedure for the construction, (including well-labelled working diagrams and pictures (if need be).</p> <p>Chapter 4 Testing, Results and Discussion: Test procedures</p>	<ul style="list-style-type: none"> • Guide the students to present their project reports in format of technical report 	- do -

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General Objective 2.0: Understand the standard format for project report writing			
Week	Specific Learning Outcome:	Teachers Activities	Resources
9 - 15	(including safety precautions),Presentation of results (including where necessary, tables graphs, calculators etc) Chapter 5 Conclusion & Recommendation: Compare results with theory, stating reasons for difference(s), recommendations for further work, if need be.		
Assessment: The project, report writing and project defence will be awarded 100% of the total score.			