****

**Majmaah University
College of Engineering
Electrical Engineering Department**

**LAB REPORT**

**EXPERIMENT TITLE**

.

By:

|  |  |
| --- | --- |
| Student Name | student ID |

|  |
| --- |
| Course Name: , Code: |
| Academic Year :  |
| Semester :  |

Submitted to

Lab Administrator Name

Date: day/month/year

# **EXAMPLE FORMAT FOR A TECHNICAL REPORT**

1. **Title**

The title should clearly and briefly indicate what the report is about.

1. **Introduction**

Background to the report, including discussion of previous studies in the area or related studies. The introduction should also clearly outline the reason for the study/report, including objectives and any working hypotheses.

1. **Methodology**
	1. **Experimental/sampling design**

A description of the study area and study design, including detail such as equipment used in field and laboratory work, methodology for selecting sampling sites, field work undertaken and methods of laboratory analysis. This detail needs to include what parameters were tested and any standards and protocols used in the laboratory analysis of samples.

* 1. **Data analysis**

An outline of how the data obtained from sampling and laboratory analysis were analyzed, including details of any statistical tests undertaken and their assumptions and limitations.

1. **Results**

A description of the results obtained without any explanation or interpretation of them. Visual aids such as graphs, tables and maps may be used to summarize the results. If raw data is to be included in the report, it should be placed in an appendix rather than in the results section.

1. **Discussion**

The results of the study are interpreted and implications of these results in terms of the project objectives are discussed. A discussion of how the results relate to other studies is also common. An evaluation of the methodology used may also be undertaken.

1. **Conclusions**

Summarizes specific conclusions drawn from the results in terms of the project objectives and working hypotheses.

1. **Recommendations**

Recommendations as to future management actions and/or studies are made based on the findings of the study.

1. **References**

Lists the literature cited in the report.

**Appendices**

May contain detailed information such as data tables, laboratory reports or photographs.