






GPH 381

Geophysical Reports

Grading:

■ 1 st Exam	20%		= A
■ 2 nd Exam	20%		= B
■ 3 rd Exam	20%		= C
■ Final Exam	40%		= D
			= F

Attendance:

- Never to be late more than (10) minutes.
- Never play with your cell phone.
- Never talk to your friend.
- Never miss more 25% of the total lectures.

Participation:

- Involve in all group discussions and activities.
- Write down all important information in your notebook.



- Join a study group.
- Make study schedule.
- Arrange your time.
- Do your best.
- Seek advice.
- Learn from mistakes.
- Be patient.



Tips and
Advice



(GPH 381) Geophysical Reports

A scientific paper is a written and published report describing original research results.

- ☐ MUST BE WRITTEN IN A CERTAIN WAY.
- ☐ MUST BE PUBLISHED IN A CERTAIN WAY.
- ☐ MUST MEET THE TEST OF VALID PUBLICATION.

Importance of Scientific Research

- ☐ Discover facts.
- ☐ Solve problems.
- ☐ Answer questions.
- ☐ Explain unclear phenomena.
- ☐ Modify incorrect facts.

Concept of Scientific Research

Scientific research is a systematic, logical, objective, accurate, and results based on the foundations and evidence, (a set of rules used to reach the truth in science).

Fundamental of Scientific Research

- ☐ Define a problem.
- ☐ Define objectives.
- ☐ Apply procedures.
- ☐ Collect data.
- ☐ Data analysis.
- ☐ Have results.

Rules of Scientific Research

- ☐ Select a topic.
- ☐ Prepare a plan.
- ☐ Collect sources and references.
- ☐ Collect scientific material (data).
- ☐ Document and write the research.

Keep in Mind

- ☐ Novelty.
- ☐ Accuracy and clarity.
- ☐ Details.
- ☐ Complete all plan's elements .
- ☐ Document the content correctly.
- ☐ Variety of recent references.

Types of Scientific Writing

- ☐ Review Paper.
- ☐ New Idea.
- ☐ Incremental Improvement.
- ☐ Negative Contribution.

Types of Scientific Writing

- ☐ Poster.
- ☐ Workshop Paper.
- ☐ Conference Paper.
- ☐ Journal Paper.

Types of Scientific Writing

- ☐ Abstracts.
- ☐ Books.
- ☐ Thesis/Dissertation.
- ☐ Research Proposals.

Scientific Report

A scientific report is a systematic, well organised document which defines and analyse a clear purpose that describes the process, progress, and results of a scientific research problem.

Importance of Scientific Report

The purpose of a scientific report is to inform, not to impress the reader with how much you know or have read, or to gloss over what you don't know. Your priority is to communicate your information clearly.