

# Research Method and Report Writing

## Lecture 3: How to Conduct a Project?

Farzaneh Abdollahi

Department of Electrical Engineering

Amirkabir University of Technology

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Task Allocation

Sources

Analysis

Synthesis

# Task Allocation

- ▶ (If required) Make a team of experts whom you are comfortable to work with
- ▶ Identify their expertise and allocate the tasks accordingly
- ▶ Build a Storyboard to Plan and Guide Your Work
- ▶ Define the tasks carefully
  - ▶ The tasks should be defined sth they help accomplishing the steps of the project
  - ▶ Define deadline for doing each task

# Sources

- ▶ Identify all possible resources
- ▶ Record Your Sources Fully, Accurately, and Appropriately
- ▶ Evaluate Sources for Relevance and Reliability
- ▶ Look beyond the Usual Kinds of References

# Analysis

- ▶ Describe Problem
- ▶ Set performance criteria
- ▶ Investigate related work
- ▶ State objective
- ▶ Specify solutions

# Synthesis

- ▶ Distinguish arguments based on evidence
- ▶ Implement solution
- ▶ Design experiment
- ▶ validate the results
  - ▶ Accuracy and error