

Introduction

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Overview

- 1 Goal
- 2 Coverage
- 3 Approach
- 4 Resources
- 5 Assessment
- 6 Assistants

Lab Goal

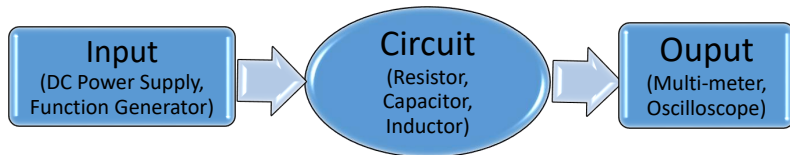


Figure: A **circuit** can be considered as a **system** with inputs and outputs.

Lab Coverage

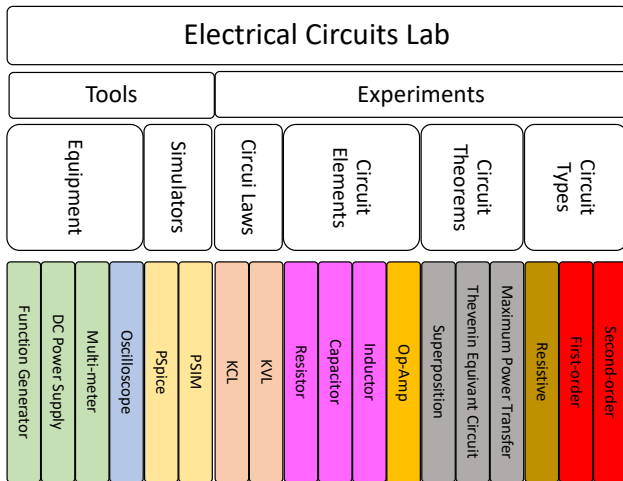


Figure: Main items covered in the lab. Items with the same color are roughly covered in a single lab session.

Lab Approach

- Teaching
 - ① Lab manuals/**slides**
 - ② Short films/**videos**
 - ③ Instrument guides/**catalogs**
 - ④ Lab equipment/**instruments**
 - ⑤ Equipment/circuit **simulators**
 - ⑥ Sharif **function-scope**
- Practicing
 - ① **Group** work **reports**
 - ② **Group** in-person **labs**

Lab Resources

- 1 Online practicing/lab on Wednesdays, 9:00-12:00 at <https://vc.sharif.edu/ch/mohammad.hadi>
- 2 Course website at <http://cw.sharif.edu>
- 3 Lab Telegram channel at <https://t.me/+ewZy1wS5DxJhNDIO>
- 4 Lab Telegram group at <https://t.me/+y2uKu7P5T4FkODc8>
- 5 Personal email to mohammad.hadi@sharif.edu
- 6 Telegram message to [@MohammadHadiDastgerdi](https://t.me/MohammadHadiDastgerdi)

Lab Assessment

| Item | Frequency | Contribution | Bonus |
|--------------|-----------|--------------|-------|
| Work Reports | 8 | 40% | ✓ |
| Final Exam | 1 | 25% | ✗ |
| Oral Exam | 1 | 15% | ✗ |
| Lab Project | 1 | 15% | ✓ |
| Lab Activity | 8 | 5% | ✗ |

Table: Items involved in the lab assessment. The specified contribution weights are **tentative**.

Lab Assistants

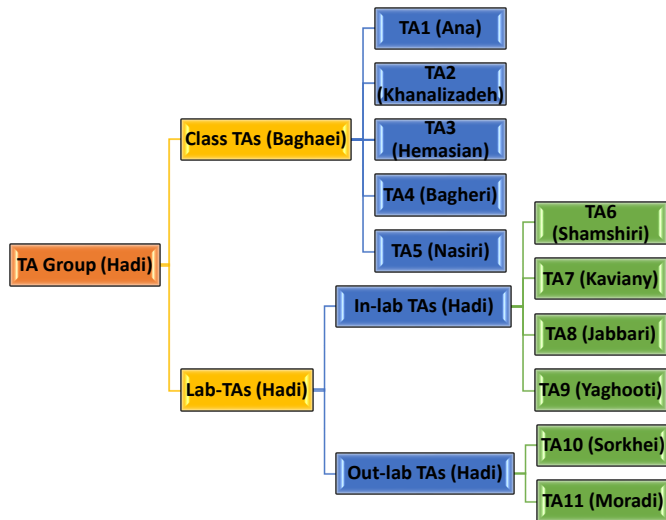


Figure: Organization of **teaching assistance group**.

The End