

# Lab Book Guidelines

- Date
- Lab partner names
- Lab title
- Short summary of what you want to do and obtain, i.e. **“objective”**
- **Sketch** of the experiment
- Descriptions of **procedures**
- Observations and measured values, i.e. **“data”**
- **Comments:** Abnormalities, unexpected behavior, and factors potentially influencing your measurements
- **Plots** (rough representation by hand is sufficient) of measured dependencies
- **Analysis** of the data (the end result of it will go to the lab report)
- Did the experiment worked out or not, and why so, i.e. **“conclusion”**

# Laser Guidelines

- Don't look into laser.
- Keep laser at waist level.
- Make sure laser beam is horizontal, i.e. parallel to table top.
- Center the beam on all optical elements (and component holders).
- You will likely have to build and re-build your setup several times (each time better).