

Design and Prototyping of Optical Systems for Engineering Applications

Experiment 6

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Agenda

- The End Game
- Experiment 6 Expectations
- Experiment 5 Results

The End Game

- Documents (Pre-Lab and Reflections) per Team
- Finish Lab Work by 19 Apr
- Grades Due Monday, 29 Apr at 9:00AM
- Return Components to Cabinets
- Clean Up
- Report anything missing/damaged
- Wish list
- Send Photos

Lab 6

- Your experiment
- Ideally Related to research in your team
- Use mostly available equipment
- You determine the questions

Prelab 6

- What is your goal?
- Layout of your experimental setup(s)
- Calculations to determine feasibility and specifications
- Tentative specifications (eg. lens focal lengths, spacings)

Experiment 6

- Possible refinement of specifications
- Collect data (depending on your experiment)
- Process data (depending on your experiment)
- Revise?
- Take photos

Reflections 6

- Did it work? Why or why not?
- Data
- Analysis and Results
- Discussion (eg. Compare Results to Expected)
- What did you learn?
- Thoughts for the future.

Group Updates

- Old Experiments
- Experiment 6
- Anything Else