

Optics Laboratory

Optics Laboratory is the laboratory component of the Optics course described below.

Textbook: *Optics* by Eugene Hecht (4th Edition)

Syllabus Outline:

Week	Textbook Chapter	Topics
1	1, 4	Wave-particle duality, scattering
2	4	Laws of reflection and refraction
3	5	Curved surfaces, thin lenses
4	5	Image formation
5	6	Thick lenses
6	6	Aberrations
7	2	Wave motion
8	3	Electromagnetic waves
9	7	Wave superposition
10	8	Polarization
11	8	Polarized light
12	9	Interference of light
13	9	Interferometers
14	10	Diffraction of light
15	10	Fraunhofer diffraction