

## PHY 204 Laboratory Syllabus

The following experiments are found on-line through Wright State's "Wings" page. Each experiment listed below has a Pre-Lab Preparation Sheet that is to be completed and turned in at the beginning of the lab period. Please read each experiment over completely before coming to lab to familiarize your self with the material. It is the student's responsibility to come prepared to the laboratory so that instruction time can be kept at a minimum thus maximizing the time to do the experiment.

WEEK OF	EXPERIMENT
3/30 – 4/3	No Labs
4/6 – 4/10	(ch01L) Introduction to Light
4/13 – 4/17	(ch02L) Reflection and Refraction of Light
4/20 – 4/24	(ch04L) Geometrical Optics - Mirrors
4/27 – 5/1	(ch03L) Geometrical Optics - Lenses
5/4 – 5/8	(ch05L) Polarized Light
5/11 – 5/15	(ch06L) Waves of Light (Interference)
5/18 – 5/22*	(ch02H) Energy Transfer and Temperature Change
5/25 – 5/29	No Labs (due to Monday Holiday)
6/1 – 6/5	(ch03H) Heat Energy Transfer
6/5	Make-up Exam**

\*During the first 10 minutes of lab the students are to evaluate the laboratory and the teaching assistant.

\*\*In order to take the make-up exam you must complete a form that is available in the Physics Office. The completed form must be signed by your lab instructor and submitted by June 4, 4:00 p.m. to the Physics Office in 248 Fawcett.

### GRADING SCALE

The maximum grade for each experiment is 50 points.

A	360 to 400
B	320 to 359
C	260 to 319
D	220 to 259
F	0 to 219