

## *Physics 402: Light Laboratory*

### References:

The following is a selected list of books available on reserve in the Physics Library (Loomis 204)

Azzam, R	Ellipsometry and Polarized Light
Born	Principles of Optics
Ditchburn	Light
Francon, M.	Diffraction Coherence in Optics
Francon, M	Optical Interferometry
Hardy, A.	Optics
Hecht, E.	Optics, 3rd Edition <= <i>Our Textbook</i>
Herzberg	Infrared and Raman Spectra
Jenkins	Fundamentals of Optics
Klein, M.	Optics
Loader, J.	Basic Laser Raman Spectroscopy
Longhurst, R	Geometrical Physical Optics
Martin, L.	Introduction to Applied Optics
Morgan	Introduction to Geometrical and Physical Optics
Nussbaum, A.	Contemporary Optics for Scientists and Engineers
Palmer	Optics
Rossi, B	Optics
Siegman, A.	An Introduction to Lasers and Masers
Smith	Optics
Smith, Wm	The Laser
Stone, J.	Radiation and Optics
Stroke	Introduction to Coherent Optics and Holography
Strong	Concepts of Classical Optics
Taylor, L.	College Manual of Optics
Valasek	Introduction to Theoretical and Experimental Optics

Welford	Geometrical Optics
Wood	Physical Optics
Yariv, A.	Introduction to Optical Electronics
Yariv, A.	Quantum Electronics
Young, M.	Optics and Lasers

Other books not on reserve, but very good/useful/interesting

Feynman, R.P	Feynman Lecture Series
Feynman, R.P.	QED - The Strange Theory of Light and Matter***
Fowles, G.R.	Introduction to Modern Optics
Greenler, R.	Rainbows, Halos and Glories***
Shen, Y.R.	The Principles of Nonlinear Optics

. \*\*\* Very nice/fun books to read !