

PHYS 291 Wave Phenomena Laboratory

(2 credit hours)

- 1- Young's double slit experiment**
- 2- Diffraction grating**
- 3- Prism Spectrometer**
- 4- Determination of refractive index**
- 5- Newton's rings**
- 6- Refractometer**
- 7- Abbe's study of polarization of light.**
- 8- Fresnel bi-prism experiment**
- 9- Verification of the inverse square law for light radiation and determination of the absorption coefficient of light in glass using a photocell.**
- 10- Meld's experiment**
- 11- Lloyd's Mirror.**