General
- This lab is challenging in that other interference and diffraction are present. Be sure to think carefully about what you are observing and test that it is the effect you are looking for.

Section 1: Reflections from Transparent Plate
- You are not required to do this part of lab. Your instructor will have this setup and we can look at the general features of the effect.

Section 2: Newton’s Rings
- You are not required to do this part of the lab.

Section 3: Fresnel’s Double Prism
- Do this part of lab carefully, quantitatively, and with error analysis.
- Diffraction from the single slit is present, in addition the interference effect you are to observe. Carefully work out how to separate the two effects. Think about orientation of the slit, laser, etc.