

Background

Course Code	SIF 1013	SIF 3015
Title	Physics Science Practical	Practical Observation & Observing Crescent Moon
Credit Hours	42	42
Subject's Credit	3	3

SIF3015

This course will expose students on how to use a telescope and theodolite to determine the direction of Kibla and appearance of the new moon and also the introduction of SLR and CCD camera system for the purpose of recording the position of the moon and also took pictures of the new moon. Photographic techniques are taught so that students know the basics of taking photographs through a telescope.

SIF1013

The course consists of experiments that are mostly light-based and optical devices such as mirror lenses. There are also measurement and calculation errors as well as parallax experiments in astronomy

Experiments

1. Measurement & Calculations of Error
2. Measurement-Parallax
3. Hertzprung-Russel Diagram
4. Geometrical Optics
5. Reflection, Refraction and Diffraction of Light



labangkasum@gmail.com



03-79674100



Block C, Physics Department, Science Faculty, Universiti Malaya



Makmal Fizik Angkasa UM

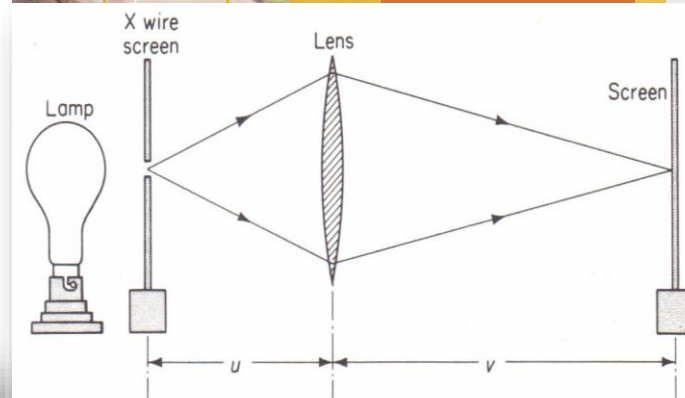
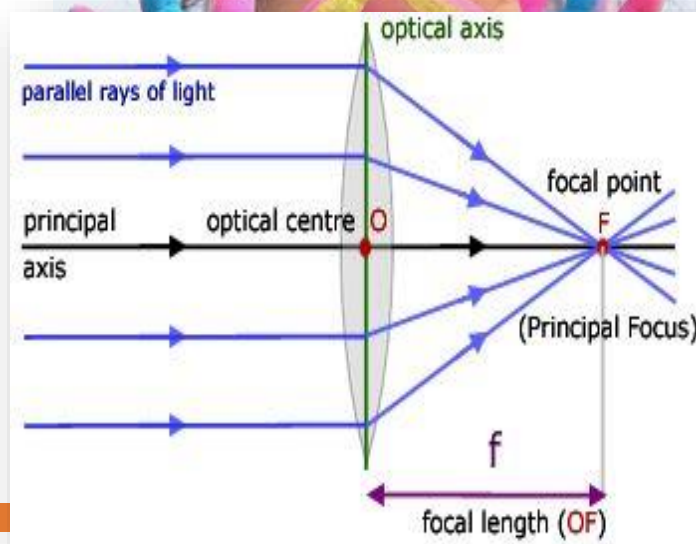
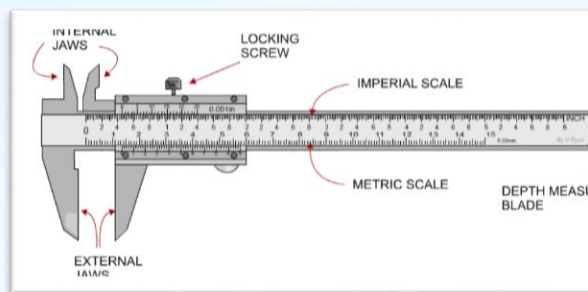


Fig. 24.14. Focal length of a lens by u and v method

Space Physics Laboratory

