SEMESTER	***DEPARTMENT***	***COURSE TITLE***
Second	*General Engineering*	*Physics II Lab*
COURSE CODE	***HOURS:*** 3	***COURSE SPECIFICATIONS***
EG203	***UNITS:*** 1	*Practical Contents*

1. ***Ohm s law.***
2. ***Determination of the an unknown resistance using a Whetstone's bridge.***
3. ***To investigate the flux due to a long current – carrying conductor using a tangent magnetometer.***
4. ***Determination of the an unknown capacitance by leakage method.***
5. ***Determination of the receptivity of a wire using a post office box.***
6. ***Some measurements using a cathode ray oscilloscope.***
7. ***Determination of the focal length of concave lens.***
8. ***Determination of the wave length of sodium light using a diffraction grating.***
9. ***Determination of the refractive index of glass and liquid using a traveling microscope.***
10. **Determination of the focal length of:**

    A- Convex mirror.

    B- Convex lens.

References: