

DEPARTMENT OF SCIENCE AND HUMANITIES

Name of the Lab : Physics & Chemistry Lab

OBJECTIVES:

- ❖ To make the student to acquire practical skills in the determination of water quality parameters through volumetric and instrumental analysis.
- ❖ To acquaint the students with the determination of molecular weight of a polymer by viscometry.
- ❖ To introduce different experiments to test basic understanding of physics concepts applied in optics, thermal physics, properties of matter and liquids.

OUTCOMES:

Upon completion of the course, the students will be able to

- ❖ apply principles of elasticity, optics and thermal properties for engineering applications.
- ❖ The students will be outfitted with hands-on knowledge in the quantitative chemical analysis of water quality related problems.

Estd - 2001