

CHEM 1870 General Chemistry Laboratory

Course Description:

Topics in different areas of chemistry such as polymer, chemical tests, analysis of food content, spectrometry, synthesis, fluorescence, titration, chromatography, and extraction. Techniques in using computer in chemistry is also included.

Co-requisite:

CHEM1070, 1280 or 1380.

Experiments (for reference only):

1. Properties of Polymers
2. Chemical Tests of Unknown Substances
3. Spectrometric Analysis of Iron Content in Vegetable Leaf
4. Gravimetric Analysis of Phosphorus in Fertilizer
5. Fluorescence
6. Neutralization Power of Commercial Antacid Tablet
7. Determination of Carotene in Vegetable Leaf
8. Extraction of Caffeine from Tea Leaf