

اسم و رمز المقرر باللغة العربية: الكيمياء العامة كيم 115

General Chemistry CHM 115

اسم و رمز المقرر باللغة الإنجليزية:

Credit hours/ week: 3 hours

Course Description: the course is shed light on the atom through the different theories and principle that described the atomic structure and type of bonding.

Course Objective:

1. Provide the student with basic knowledge in general chemistry science.

Course Contents:

Atomic structure, quantum numbers, electronic configuration, acid and base, solution, chemical equilibrium and volumetric analysis.

Course Outcomes:

By the end of this course the student should be able to:

1. Understand the basic concepts of general chemistry.
2. Perform volumetric analysis.

Teaching Methods:

1. Lectures
2. Practical lessons
3. Seminars

Course Assessment:

1. Tests and assignments
2. Practical performance
3. Final examination (written and practical examination)

References:

1. Zumdahl, S. S. (2009). Chemical Principles. 6th edition. Houghton Mifflin Co.
2. Oxtoby, D.W., Gillis, H. P. and Campion, A. (2008). Principles of Modern Chemistry .6th edition. Brooks Cole.