

ENR207 : Materials Science

Materials science incorporates elements of physics, chemistry, and engineering and focuses on the structure, processing, and the characteristic limits of various materials. Study of materials science advances understanding of research areas such as nanotechnology, biomaterials, and metallurgy, forensic engineering and failure analysis. The course focuses on structure and characteristics of materials, material defects, testing and failure mechanisms of materials, applications of different materials, and the economic/environmental impact of various materials.

Credits 3

Prerequisite Courses

[CHM151: General Chemistry I](#)

Semester Offered

Varies