

CHEMISTRY (APPLIED).

Combustion.
 Fuel.
 Explosives.
 Artificial Lighting.
 Photography.

MINERALOGY AND GEOLOGY.

Economic Geology.
 Paleontology.
 Blowpipe Analysis and Determinative Mineralogy.
 Metallurgy of Gold, Silver, Nickel, Copper, etc.
 Mining and Ore Dressing continued.
 Assaying.

IV. DEPARTMENT OF ARCHITECTURE.

This course is designed to afford the necessary preliminary training to students intending to become Architects.

I. YEAR.

MATHEMATICS.

Euclid, Algebra, Plane Trigonometry.
 Plane Analytical Geometry.

MECHANICS.

Statics (with reference to structures).
 Dynamics (preliminary to the study of hydraulics).

PHYSICS.

Acoustics.

DRAWING.

Instrumental and Free-hand, Copying from the flat, Lettering,
 Pen and Ink, Descriptive Geometry (Plane Surfaces).

HISTORY OF ARCHITECTURE.

Egyptian, Assyrian and Persian.

SURVEYING.

Principles, Chain Surveying, Mensuration.

CHEMISTRY.

Elementary Chemistry with Laboratory Practice.