

MECHANICAL AND ELECTRICAL ENGINEERING. 63

ENGINEERING.

Statics and dynamics (pure and applied.)
Theory of mechanism.
Strength and elasticity of materials.
Materials and construction.
Methods and processes.
Experimental work in engineering laboratory.

METALLURGY.

Iron and steel.

PHYSICS.

Hydrostatics.
Optics.
Electrical measurements

EXPERIMENTAL PHYSICS.

ELECTRICAL LABORATORY.

VACATION WORK.

See pages 42 and 96.

III. Year.

DRAWING.

Subjects of previous year continued.
Descriptive geometry.
Shades and shadows, stone cutting, perspective projection.

CHEMISTRY (APPLIED).

Explosives.
Artificial lighting.
Photography.
Industrial chemistry.
Sanitary chemistry.