

PRINCIPLES OF MECHANISM :

Principles of the transmission of Motion, without reference to Force.

Pitch Surfaces, Spur and Bevel wheels, Trains of Wheelwork—Teeth of Wheels, Cams, Cranks, Eccentrics, Links, Bands and Pulleys, Hydraulic connections, Frictional Gearing—Link Motion for Slide Valves, &c., &c.

Fee for Special Students..... \$15

The above fees are charged when the instruction is given in the regular classes, otherwise special arrangements must be made.

For further information see Prospectus for 1882-83 of the School of Practical Science.

CHEMISTRY.

(A.)—LECTURES.

1. Course in General Chemistry.
2. " Applied Chemistry.

(B.)—PRACTICAL COURSES.

1. Preparation of Chemical Compounds.
Fee..... \$10
2. Qualitative Analysis.
Fee..... \$10
3. Quantitative Analysis.
Fee..... \$50
4. Elementary Practical Chemistry.
Fee..... \$10
5. Physiological Chemistry.
Fee..... \$10
6. Chemistry in relation to Hygiene and Forensic Medicine.
Fee..... \$10

The three latter courses are arranged specially for medical students, and qualify for the examinations in Chemistry in the University of Toronto.

MINERALOGY AND GEOLOGY.

(A.)—LECTURES.

1. Elementary Course.
2. Intermediate "
3. Advanced "