SENIOR CLASS.

The work done in this class will be a continuation of that done in the Junior with applications of higher mathematical analysis. The knowledge of Mathematics expected of the student is such as is given in the Senior Mathematical Class. In preparation for the lectures the student may read the following works :

In Dynamics : Thomson and Tait's Elementary Natural Philosophy, Phears' Hydrostatics, Frosts' Newton's Principia.

In Heat : Balfour Stewart's Heat, Clerk Maxwell's Theory of Heat, Tait's Thermodynamics.

In Optics : Dupuis' Geometrical Optics, Lloyd's Wave Theory of Light.

In Acoustics : Taylor's Sound and Music.

In Electricity : Cumming's Theory of Electricity.

HONOURS.

Stndents studying for Honors will have the opportunity of reading with the Professor the applications of the Higher Mathematics to Physics. A knowledge of the fundamental principles of the Differential and Integral Calculus is necessary.

The subjects taken up first will be Dynamics of a Particle and of a Rigid Body, for which the student may read the following works :

1. Tait and Steele's Dynamics of a Particle.
2. Todhunter's or Minchin's Analytical Statics.
3. Pirie's Lessons on Rigid Dynamics.

PHYSICAL LABORATORY.

The Physical Laboratory is open for the use of students from 10 A.M. until 3 P.M., during the session. Its object is two-fold : (1) to make students familiar with physical instruments, and the modes of using the same, so as to enable them to verify what is taught as the true interpretation of physical phenomena, and the laws which govern these ; (2) to render assistance to competent students to carry on original investigations.