

**III. Mathematics.**

Arithmetic—Proportion, Interest, Extraction of Square Root, Vulgar and Decimal Fractions.

Algebra—Addition, Subtraction, Multiplication, and Division of Algebraical Quantities, Simple Equations of one, two and three unknown quantities, Easy Quadratics.

Geometry—First, Second, Third, and Fourth Books of Euclid, or the subjects thereof, and the solving of easy Geometrical exercises.

**IV. French.**

*MacMillan's* French Course, First Year; *Fasmacht's* French Reader, First Year, or an equivalent. Translations of simple and easy sentences from English and French.

Students have an option between Greek and French.

**V. Science.**

Natural Philosophy, as treated in the Provincial High School text-books, and the Tables of the Metric System.

Chemistry of Water and the Atmosphere.

NOTE.—Skill in drawing, acquired before matriculation, will be found helpful in all the science studies of the College course. The presentation of note books describing experiments made or seen, and recording any nature observations, will count in a candidate's favor. They must bear the teacher's initials.

**SENIOR MATRICULATION.**

Students may enter the Sophomore Class by passing the ordinary matriculation examinations, together with examinations on the subjects of the Freshman year, or their equivalents. In Physics a laboratory examination will be given in addition to the written one.