

Realism ; Qualities, Primary, Secundo-Primary and Secondary ; Self-consciousness ; Faculties of Conservation, Reproduction and Representation, Memory Proper, Imagination. The Elaborative Faculty, Laws of Association, Theory of Unconscious Mental Modification, Doctrine of the Conditioned. Causation, Various Theories of ; Intuitive Knowledge, Theories of Time and Space, Substance and Attribute, Mind and Matter ; Phenomena of the Feelings ; of Will and Desire ; Relation of Metaphysics to Moral and Political Philosophy ; History of Philosophy ; Relation of Physiology to Psychology. The text-book used is Sir William Hamilton's Metaphysics ; Lewes' History of Philosophy, Archer Butler's Ancient Philosophy, Porter's Human Intellect, Bain's Senses and Intellect, Bain's Emotions and Will, are used for collateral reading.

DEPARTMENT OF MATHEMATICS.

FRESHMAN.—Text-Books : Wentworth's Complete Algebra, Wentworth's Plane and Solid Geometry. A thorough knowledge of Arithmetic and of Algebra through equations of the second degree is required for admission into this class. The first five months of the session is occupied in completing the Algebra, beginning with chapter XVI. The remainder of the session is devoted to the study of the first five books of Geometry.

SOPHOMORE.—Text-Books : Wentworth's Plane and Solid Geometry. Wentworth's Plane Trigonometry and Surveying, Peck's Analytical Geometry. The first five months are occupied in completing Geometry, beginning with book VI, and in the study of Plane Trigonometry and Surveying. The second term is devoted to the study of Analytical Geometry and to a review of the first term's work.

Abundant facilities for field practice, with a full set of surveyor's instruments, are furnished to all who desire to learn the practice as well as the theory of surveying. Among our