

*1st Term.*—Algebra (as in 1st year Arts Course).

Euclid (as in 2nd year Arts Course).

Plane Trigonometry, to end of trigonometrical ratios of two angles.

Surveying, Chain Surveying.

Geometrical Drawing, Linear Drawing.

Platting Land Survey.

Field Work.

*2nd Term.*—Algebra (as in 2nd year Arts Course).

Euclid and Logarithms (as in 2nd year Arts Course).

Plane Trigonometry, Division of Angles, Use of Tables, Proportional Parts, etc.

Analytic Geometry, to end of straight line.

Surveying, Compass Surveying, Latitudes and Departures.

Geometrical Drawing, Linear Drawing.

Platting Land Survey.

Field Work.

*3rd Term.*—Algebra, Variation, Notation, etc.

Euclid, Book XI.

Plane Trigonometry, relation between sides and angles of triangles.

Analytic Geometry, Circle.

Surveying, adjustment and use of instruments.

Geometrical Drawing, Projection.

Copying and Reducing Plans, Mechanical Lettering.

Field Work.

*4th Term.*—Algebra, Progressions, Permutations and Combinations Binomial Theorem.

Plane Trigonometry, Solution of Triangles, Heights and Distances.

Spherical Trigonometry, relation between sides and angles of triangles.

Analytic Geometry, Parabola, Ellipse and Hyperbola.

Differential Calculus, Differentiation of Algebraic and Transcendental Functions.

Surveying, Laying out and dividing up land, Obstacles.

Geometrical Drawing, Projection and Perspective.

Platting, Plans and Elevations of Masonry Structures, Free-hand Lettering.

Field Work.

*5th Term.*—Algebra, Binomial Theorem, Logarithmic and Exponential Theorem.

Plane Trigonometry, Inverse Ratios, Expansion of Functions, etc.

Spherical Trigonometry, Solution of Right and Oblique Angled Triangles.