

- Girder Bridges and Roofs.*—*Latham's "Girder Bridges,"—Unwin's "Iron Bridges and Roofs,"—Shield's "Strains on Iron Work Structures," Maynard's "Bridges and Iron Bridges."
- Strength of Materials.*—Barlow's "Treatise on the strength of Materials" (Humber), Tredgold and Hodgkinson "On the strength of cast Iron,"
- Specifications and Estimates.*—*Donaldson's "Handbook of Specifications,"—Haskoll's "Civil Engineers Estimate and Price Book,"—Graham's "Manual on Earthwork," Bidder's "Tables for Earthwork."
- Surveying and Levelling.*—Butler Williams "Practical Geodesy,"—*Castle's "Engineering Fieldwork,"—Gillespie's "Land Surveying,"—†Simm's "Principles and Practice of Levelling,"—†Bruff's "Engineering Fieldwork."
- Mechanical Engineering.*—Campin's "Treatise on Mechanical Engineering,"—Rankine's—"Prime Movers,"—Fairburn "On Boilers,"—Willis', "Principles of Mechanism,"—Grantham's "Iron-Ship Building,"—† Fairburn's "Iron-Ship Building."
- General.*—"Transactions of the Institute of Civil Engineers of Great Britain,"—Weale's "Series of Rudimentary Treatises" (Classes of Engineering and Architecture),—*Humbers "Series of Modern Engineering,"—Moseley's "Mechanical Principles of Engineering,"—† Spon's Dictionary of Engineering,"—*Smeaton's "Reports,"—† Simm's "Tunnelling,"—Buck's "Oblique Bridges,"—Tredgold's "Carpentry,"—Nicholson's "Carpenters' Guide," Reid's "Portland Cement,"—Molesworth's "Pocket Book of Engineering Formulas,"—† Sopwith's "Isometrical Projection."

* Expensive or out of Print.

† In the College Library.

COURSE OF MINING ENGINEERING AND ASSAYING.

- Text-Book in Assaying.*
Kerl's *Metallurgische Probirkunst.*
- Text-Book in Metallurgy.*—Metals: their properties and treatment. By Charles London Bloxam.
- Books for reference on Metallurgy.*—Crookes and Rohrig's Metallurgy, Percy's Metallurgy of Lead. Bauerman's Metallurgy of Iron.
- Books of reference, on Mining and Ore Dressing.*
- (1) Concentration and Chlorination.—Kustel.
 - (2) Rittinger's Aufbereitung.
 - (3) Traité du gisement et de la recherche des minéraux utiles.—Burat.
 - (4) Ponson's Traité de la Houille.
 - (5) Coal and Coal Mining.—Warrington Smyth.
- Text-Book on Blowpipe Analysis.*—Elderhorst's Blowpipe Analysis.