

COURSE OF CIVIL ENGINEERING.

3RD YEAR.

1. Introduction to Differential and Integral Calculus.
2. Rudiments. Theory of the science of Thermo Dynamics, properties of steam.
3. The Mechanics of Engineering, and the construction of machines, in their different branches.
4. Roads and Railways—Location, construction, management.
5. Canals, Reservoirs, Raceways, do. do.
6. Viaducts, Aqueducts, Tunnels.
7. Bridges, fixed and movable, of wood, iron or stone.
8. Improvement of rivers and sea-coast improvements.
9. Harbours and Light-Houses.
10. Dams, coffer-dams and unwatering of works.
11. Submarine blasting, &c.
12. Specifications and Estimates.

Political Economy.