

CHEM 5301 : Engineering Flow and Heat Exchange

Course aims to equip students with the practical tools needed to apply fluid mechanics and heat transfer in an industrial setting. Topics covered include: Mechanical energy balance; flow of Newtonian and non-Newtonian fluids in pipes; flow through packed beds; compressible flow of gases; conduction, convection, and radiation; heat transfer resistances; and heat exchangers.

Credits 3

Course ID

008472

Semester Offered

Fall semester