**Chemical Engineering Design [CHE 422]**

**Tasks**

1. Introduction + Process Flow sheet + Material and Energy Balances
2. Design of Heat Exchanger (Without Phase Change)
3. Design of Heat Exchanger (Condenser + Reboiler)
4. Design of Absorber
5. Design of Distillation Column
6. Design of Reactor
7. Economics

**Design Projects**

1. Maleic Anhydride
2. Ethylene Oxide
3. MTBE
4. Acetone
5. Acrylic Acid
6. Acrolein
7. Formalin
8. Styrene
9. Cumene
10. DME