

## CH365 CHEMICAL ENGINEERING THERMODYNAMICS

### **Lesson 19:** Heat Effects of Industrial Reactions

**Read:** Section 4.7, pp. 156-166

**Problems:** 4.45 and 4.55.

#### **Objectives:**

1. Calculate heats of reaction at nonstandard conditions.
2. Calculate heat of reaction under nonstoichiometric conditions.
3. Calculate heat of reaction with inerts.

#### **Notes:**