

## **Applied Hydraulics – Week 3 – Flow Measurement, Weirs and Gates**

**Reading Assignment:** Chin, Ch. 3, gates (sec 3.4.5, pp. 179-185)

**Homework Problems:** due Monday, September 24, in class. From Chin problems 3.89, 3.91 and 3.92.

### **Hands-on Assignment**

Complete Experiment B (Characteristics of flow over a Broad Crested Weir) and Experiment D (Discharge beneath a Sluice Gate). Copy the procedures for Experiments B and D from the instruction manual located in the lab and complete the procedures. Complete the objectives at the end of each experiment and bring to class on Monday September 17.