

**Problem-Set #3**  
**COE 608: Computer Organization and Architecture**  
**Single Cycle Datapath and Control**

**CPU Single Cycle Datapath**

Exercises: 4.1, 4.2, 4.3, 4.4, 4.6 and 4.7

**CPU Single Cycle Control**

Exercises: 4.9, 4.10 and 4.11