Assignment 4 and Project

Winter 2014

Project: Add PCP Support to FreeRTOS

- Add a new synchronized object type … e.g. **my5701pcp_type** … a new type of "semaphore-like" object that supports PCP functionality

- Add new functions … e.g.
  - **Lock5701pcp()**
  - **Unlock5701pcp()**

- Build application that demonstrates that PCP functionality is working

- **Teams**: Include measurements of overhead introduced by Lock/Unlock vs. Mutex vs. Binary Semaphore

Assignment 4

- Give description of demonstration application
- **Teams**: include description of how overhead will be measured