

## Assignment 4 and Project

Winter 2014

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### 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

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## Assignment 4

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

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