

Winter 2018 CP316 Integration Project Checklist (0.3)

- Basic requirements

- A. Features

1. LEDs _____
2. LCD _____
3. RPG _____
4. SW3 Switch _____
5. Potentiometer _____
6. Temperature sensor _____
7. DAC _____
8. Math libraries (can be for
one or more above) _____
9. Timers (can be for
one or more above) _____
10. Interrupt(s) (can be for
one or more above) _____

- B. Software

1. include file(s) for macros,
subroutines, etc. _____
2. code re-use
(esp. for LCD, ADC) _____
3. modular (explicit functions
for *each* device) _____
4. no magic numbers
(including timing based on
oscillator frequency) _____
5. self-explanatory variable
and function names _____