

File: coursesF15/303H/watch\_topics\_signup 10/22/15

Scheduled for Tu 11/03/15 and Th 11/05/15; Order of presentation as per numbered entries.

Considers the electronic watch kit TI eZ430-Chronos-915

1. LCD driver - Blanton, Richard Lee
2. LCD display – Stewart-Height, Abriana
3. Clock oscillator
  - a) Circuit - Fisher, Stephen Austin
  - b) Quartz
4. Pressure sensor - Boyer, Col ton Edward
5. Acceleration sensor - Patel, Chintan Ajaykumar
6. Antenna - Ledwell, James John
7. Buzzer - Lathrop, Emily Megan
8. Power Supply circuits - Hombler, Julien Jing
9. Mother board circuits
10. Temperature sensor - McNaney, Connor Xavier
11. Microcontroller – block diagram
12. Microcontroller – chip/circuitry - Anzaldi, Vincent James
13. Access point circuits
14. Other watch types
  - a. Quartz with rotating hands
  - b. Accutron with tuning fork