

| Week | Date | | Lecture | Exercise | Exam | Lab | Homework |
|-------------|------------|-----------|--|-----------------------------|---------|--------------------|----------|
| Week 1 | 9/26/2016 | Monday | Timer Overrun, Utilization, WCET | Rev. Ch. 8, Ch. 10.1 - 10.3 | | RI Tools/Review | |
| | 9/28/2016 | Wednesday | Utilization for multiple tasks, Jitter | Ch. 10.4 - 10.6, 7.2 | | Free RTOS | |
| Week 2 | 10/3/2016 | Monday | Scheduling, Preemptive scheduling | Ch. 10.6 - 10.7 | | USART | |
| | 10/5/2016 | Wednesday | Triggered Synch SMs, Sleep | Ch. 10.8 - 10.10 | | USART | |
| Week 3 | 10/10/2016 | Monday | Project Introduction/External Registers/LED Matrix | | | SPI | |
| | 10/12/2016 | Wednesday | ADC/DSP | Ch. 12.1 - 12.4 | | SPI | |
| Week 4 | 10/17/2016 | Monday | Stepper, DC motor (theory, PWM), DVFS | Ch. 6.6 | | External registers | |
| | 10/19/2016 | Wednesday | Randy Pausch "Last Lecture" | Ch. 12.5 - 12.12 | | LED Matrix | |
| Week 5 | 10/24/2016 | Monday | Review | | | Joystick | |
| | 10/26/2016 | Wednesday | | | Midterm | | |
| Week 6 | 10/31/2016 | Monday | Project Proposals | | | Stepper Motor | |
| | 11/2/2016 | Wednesday | Project Proposals | Ch 11 | | Stepper Motor | |
| Week 7 | 11/7/2016 | Monday | PID | | | Project | |
| | 11/9/2016 | Wednesday | Platforms | | | Project | |
| Week 8 | 11/14/2016 | Monday | Memory types | | | Project | |
| | 11/16/2016 | Wednesday | Debugging, EDC | | | Project | |
| Week 9 | 11/21/2016 | Monday | Pattern Recognition/ FPGAs | Ch. 14 | | Project | |
| | 11/23/2016 | Wednesday | Thanksgiving (Canceled) | | | | |
| Week 10 | 11/28/2016 | Monday | Review | | | Project | |
| | 11/30/2016 | Wednesday | Pizza Party!! | Ch. 13 | | Project | |
| Finals Week | 12/3/2016 | Saturday | 3 - 6pm WCH 138 | Final | | | |