<table>
<thead>
<tr>
<th>Week #/ Week of</th>
<th>T/ R 10am-12:05pm</th>
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| 1 8/26          | Course Introduction  
                 Number Systems Lecture (Ch 1)  
                 Pencilbox Check-out Activity |
| 2 9/2           | Logic Gates Review Lecture (Ch 2)  
                 Waveforms and Boolean Algebra Lecture (Ch 3)  
                 Gates – 2A (Lab 1) |
| 3 9/9           | Boolean Algebra – 3A (Lab 2)  
                 Final Projects |
| 4 9/16          | Exclusive-OR Gates Lecture (Ch 4)  
                 Boolean Algebra – 3A (Lab 2)  
                 Final Projects  
                 Project Proto-boarded Checkpoint |
| 5 9/23          | Exclusive-OR – 4A (Lab 3)  
                 Final Projects |
| 6 9/30          | Exclusive-OR – 4A (Lab 3)  
                 Final Projects  
                 Projects Proto-boarded & Fully Tested/Functional Checkpoint |
| 7 10/7          | Adders Lecture (Ch 5)  
                 4 bit Full Adder – 1A (Lab 4) |
| 8 10/14         | No Class on Tuesday (Fall Break)  
                 Final Projects  
                 Project Schematic Checkpoint |
| 9 10/21         | No Class – Tuesday (Instructor ill)  
                 Specifications and Open Collector Gates Lecture (Ch 6)  
                 Take-Home Exam (Ch 1-6) |
| 10 10/28        | Flip Flops Lecture (Ch 7&8)  
                 Data Transfer (Ch 9)  
                 Final Projects |
| 11* 11/4        | No Class – Final Projects* |
| 12 11/11        | Counters Lecture (Ch 10)  
                 Shift Registers and Counters – 9A/10A (Lab 5)  
                 Final Projects  
                 PCB Checkpoint |
| 13 11/18        | One-Shots Lecture (Ch 12)  
                 D/A & A/D Conversions Lecture (Ch 13)  
                 Final Projects |
| 14 11/25        | I/O Control – BASIC STAMP II (Lab 6)  
                 No Class – Thursday (Holiday) |
| 15 12/2         | Schmitt-Trigger Inputs & Clocks Lecture (Ch 11)  
                 Final Projects  
                 Demo/Evaluation (Stuffed & Operation Checkpoints)  
                 Take-Home Exam II |

**Finals Week**  
**Wednesday 12/11 2:45-4:45pm** - Turn in Take-Home Exam II (Ch 7-13 & I/O Control)

*Instructor will be away at the ATMAE Conference (11/4-11/8). Students to work on final projects out-of-class.