<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)  
Final Projects  
**PCB Checkpoint** |
| 13 11/18      | Shift Registers and Counters – 9A/10A (Lab 5)  
Final Projects  
*All PCBs should be ordered - Thursday* |
| 14 11/25      | Schmitt-Trigger Inputs & Clocks Lecture (Ch 11)  
One-Shots Lecture (Ch 12)  
Final Projects  
No Class – Thursday (Holiday) |
| 15 12/2       | D/A & A/D Conversions Lecture (Ch 13)  
I/O Control – BASIC STAMP II (Lab 6)  
**Take-Home Exam II - Thursday** |
| **Finals Week** | **Wednesday 12/11 2:45-4:45pm - Turn in Take-Home Exam II (Ch 7-13 & I/O Control)**  
**Demo/Evaluation (Stuffed & Operation Checkpoints)** |

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