<table>
<thead>
<tr>
<th>Week #/ Week of</th>
<th>T/R 10am-12:05pm</th>
</tr>
</thead>
</table>
| 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       | One-Shots Lecture (Ch 12)  
D/A & A/D Conversions Lecture (Ch 13)  
Final Projects  
No Class – Thursday (Holiday) |
| 15 12/2        | Schmitt-Trigger Inputs & Clocks Lecture (Ch 11)  
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.