<table>
<thead>
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<th>Week #/#</th>
<th>Week of</th>
<th>T/R 10am-12:05pm</th>
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| 1         | 8/26    | Course Introduction  
Number Systems Lecture (Ch 1)  
Pencil Box Check-out Activity |
| 2         | 9/2     | Logic Gates Review Lecture (Ch 2)  
Gates – 2A (Lab 1)  
Final Projects |
| 3         | 9/9     | Waveforms and Boolean Algebra Lecture (Ch 3)  
Boolean Algebra – 3A (Lab 2) |
| 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    | Adders Lecture (Ch 5)  
4 bit Full Adder – 1A (Lab 4)  
Projects Proto-boarded & Fully Tested/Functional Checkpoint |
| 7         | 10/7    | Final Projects |
| 8         | 10/14   | No Class on Tuesday (Fall Break)  
Final Projects  
Project Schematic Checkpoint |
| 9         | 10/21   | Specifications and Open Collector Gates Lecture (Ch 6)  
Final Projects  
Take-Home Exam (Ch 1-6) |
| 10        | 10/28   | Flip Flops Lecture (Ch 7&8)  
Data Transfer (Ch 9)  
Final Projects |
| 11*       | 11/4    | Final Projects  
PCB Checkpoint |
| 12        | 11/11   | Counters Lecture (Ch 10)  
Shift Registers and Counters – 9A/10A (Lab 5)  
Final Projects |
| 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 | 12/11 2:45-4:45pm | Wednesday 12/11 2:45-4:45pm - Turn in Take-Home Exam II (Ch 7-13 & I/O Control) |

*ATMAE Conference (11/6-11/8)