<table>
<thead>
<tr>
<th>Week of</th>
<th>M/W 1:10-3:15pm</th>
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| 1 8/26  | Course Introduction  
                     Safety Review  
                     *Beyond Human Video (1hr.)* |
| 2 9/2   | No Class – Monday (Holiday)  
                     Semiconductor Diodes Lecture (Chapter 5) |
| 3 9/9   | DC Power Supplies Lecture (Chap 6)  
                     Diode Characteristics Lab (#1) |
| 4 9/16  | DC Power Supplies Lecture (Chap 6) Cont.  
                     DC Power Supplies and Voltage Doublers Lab (#2) |
| 5 9/23  | DC Power Supplies Design Problems  
                     DC Power Supplies and Voltage Doublers Lab (#2) Cont. |
| 6 9/30  | Open Lab  
                     Solid State Transducers Lecture (Chapter 8) |
| 7 10/7  | Monday: Manipulative I Evaluation  
                     Wednesday: Written Exam #1 |
| 8 10/14 | No Class – Monday (Fall Break)  
                     Semiconductor Chemistry & the Transistor Lecture (Chap 9) |
| 9 10/21 | Transistor Biasing Lab (#3) |
| 10 10/28 | Silicon Controlled Rectifier (SCR) Lecture (Chapter 12)  
                    Triac & Diac Lecture (Chapter 13)  
                    SCR Lab (#4) |
| 11* 11/4 | Transistor as an AC Amplifier Lecture (Chapter 10)  
                    Field-Effect Transistors (Chapter 11)  
                    Silicon Run Lite Video (30 min) |
| 12 11/11 | Integrated Circuit (IC) Lecture (Chapters 14&16) |
| 13 11/18 | Operational Amplifier Lab (#5) |
| 14 11/25 | Digital Logic & Timing IC Lab (#6)  
                     No Class – Wednesday (Holiday) |
| 15 12/2 | SMD Devices Lab (#7) |
| **Finals Week** | **Monday 12/9 1:10-3:15pm - Written Exam #2**  
                     **TBD - Manipulative II Evaluation** |

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