<table>
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<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)  
No Class – Wednesday (Instructor ill) |
| 11** 11/4| SCRs Lab (#4) |
| 12 11/11| Transistor as an AC Amplifier Lecture (Chapter 10)  
Field-Effect Transistors (Chapter 11)  
Integrated Circuit (IC) Lecture (Chapters 14&16)  
Silicon Run Lite Video (30 min) |
| 13 11/18| Operational Amplifier Lab (#5) |
| 14 11/25| Digital Logic & Timing IC Lab (#6)  
No Class – Wednesday (Holiday) |
| 15 12/2 | Monday - SMD Devices Lab (#7)  
Wednesday – Review for Written Exam II |

**Finals Week**

Monday 12/9 1:10-3:15pm - Written Exam #2  
Wednesday 12/11 10:15am-12:15pm – Manipulative II Evaluation

* Coverage will be arranged.

** Instructor away at the ATMAE Conference (11/4-11/8). Coverage will be arranged.