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| greenberg**Physics\_103 Labs, Fall 2011** **Wed, Thu & Fri** **Instr: Dr. O.W. Greenberg, x56014, owgreen@umd.edu** |
|  |
| **Wk**  | **Week of** | **Lab #** | **Experiment** |
|  |  |  |  |
| **1** | **Aug 31** | **None** | **No Labs - First Week of Classes** |
|  |  |  |  |
| **2** | **Sep 5** | **1** | **Simple Harmonic Motion** |
| **3** | **Sep 12** | **2** | **Introduction to Electronic Instruments** |
| **4** | **Sep 19** | **3** | **Sound Quality and Wave Shape** |
| **5** | **Sep 26** | **4** | **Speed of Sound in Air** |
| **6** | **Oct 3** | **11** | **Audio Equipment** |
| **7** | **Oct 10** | **6** |  **Standing Waves in Air Columns** |
| **8** | **Oct 17** | **10**  | **Psychoacoustics** |
| **9** | **Oct 24** | **7**  | **Fourier Synthesis**  |
| **10** | **Oct 31** | **8** | **Fourier Analysis** |
| **11** | **Nov 7** | **5** | **Standing Waves in Stretched Strings** |
| **12** | **Nov 14** | **9** | **The Musical Synthesizer** |
|  |  |  |  |
| **13** | **Nov 21** | **None** | **Thanksgiving Week – No Labs** |
|  |  |  |  |
| **14** | **Nov 28** | **1-11** | **Make-up lab for all labs 1 - 11** |
|  |  |  |  |
| **15** | **Dec 5** | **None** | **No Labs this week** |
|  |  |  |  |
|  **15** | **Dec 12** |  | **Last Day of Classes** |
| **15** | **Dec 14** |  | **Reading Day** |
| **16** | **Dec 15-21** | **None** | **Final Exams** |
| **16** | **Dec 21** | **- -** | **Main Commencement Ceremony** |
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