**Physical Science, James Madison Academic Campus, Semester 2, 2013-2014**

My goal is to help any student who has been absent or wishes to review a topic covered in class to have easy access to all class materials. This outline will help you to quickly locate the information, note sheets, and practice activities that you need to make up.

**If you need to make up a quiz or lab activity**: first go through the related PowerPoint presentations, take notes and do the practice activities. Then see Ms. Bandoian to arrange a time to make it up.

The following is an outline of topics we are covering this semester, the PowerPoint files used to present information, location of related information in the textbook, guided note sheets files for taking notes from the PowerPoint slides, and practice activities files. All of these can be viewed and/ or downloaded from my website, <http://jmacscience-bandoian.weebly.com>. The outline and website will be updated weekly through the semester with the latest activities listed at the bottom of the chart.

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| **Graded Assessment** | **PowerPoint file(s) used to present material** | **Location in textbook** | **Guided Notes, Practice Activities** |
| **-Calculating Work and Power Lab**  **-Work and Power Quiz (hour 1)**  **-Energy Quiz (hour 1)**  **-Work, Power, Energy Quiz (hours 2 & 4/5)** | Work, Power, & Efficiency.ppt  Work-PowerLab & Energy.pptx | Chapter 5 | Work-Notes&Practice.docx  Power-Notes&Practice.docx  Efficiency Notes & Practice.docx  Intro. to Energy.docx  PE-KE-Notes & Practice.docx  Work, Power, & Energy Review.docx |
| **-Work, Power, Energy, and Machines Quiz** | PS Cons of Energy.pptx  Simple Machines Lab + MA.ppt  Mechanical Advantage & Review.ppt | Chapters 4 & 5 | PS-Cons of Energy-Notes & Pr.docx  Simple Machines-Notes.docx  Simple Machines Graphic Org.doc  Mech Advantage-Notes & Prac.docx |
| **Wave Quiz** | Wave Types, Parts & Speed.pptx  Waves Review.pptx | Chapter 12 | Intro to Waves Notes.docx  Mech vs EM wave graphic org. docx  Parts of Wave-Notes & Activity.docx  Transverse vs Longitudinal-Notes.docx  Speed of Wave-Notes&Practice.doc |
| **Quiz on Sound and Hearing** | Wave Interactions.ppt  Sound.ppt | Chapter 13 | Wave Interactions.doc  Properties of Sound Notes & Practice.docx  Ear Damage Notes & Practice.docx  How do Humans Detect Sound.docx |
| **Nat Freq and Resonance Quiz.docx** | Natural Freq & resonance.pttx | Chap 12.3 | Natural Freq & Resonance.docx |
| **Light Quiz** | Light Notes.ppt  Parts of Eye.ppt  EM Spectrum.pptx  Optics.Review.ppt | Chapters 14 & 15 | Properties of Light Notes & Practice.docx  Parts of Eye Notes.doc  Electromagnetic Radiation Notes.docx  Optics Review.docx |
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