<table>
<thead>
<tr>
<th>Current AP Physics B</th>
<th>Redesigned AP Physics 1 and 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A one year course.</strong> National Research Council (NRC) conducted an in-depth study and concluded that AP Physics B is a very broad course that encourages brief treatment of very important topics in physics and rather than cultivating a deeper understanding of key foundational principles.</td>
<td><strong>Two separate full year courses.</strong> Provides teachers with much needed time to accomplish course goals because content is spread over two years. This will allow for inquiry instruction and in-depth exploration of topics. The new courses align strongly with college and university expectations.</td>
</tr>
<tr>
<td><strong>Equivalent to a one-year introductory college physics course.</strong> This course is algebra-based and very fast paced.</td>
<td>AP Physics 1 is an algebra-based course equivalent to a first-semester college course in algebra-based physics but is designed to be taught over a full academic year to enable AP students to develop deep understanding of content and to focus applying their knowledge through inquiry labs. AP Physics 2 is an algebra-based course equivalent to a second-semester college course in algebra-based physics but is designed to be taught over a full academic year.</td>
</tr>
</tbody>
</table>
| **Prerequisites.**  
- College-prep physics is recommended.  
- Proficiency in algebra is required.  
- A strong work ethic is essential. | **There is no physics prerequisite.**  
- Student has completed Algebra II (or be concurrently enrolled).  
- Proficiency in algebra is required.  
- A strong work ethic is essential.  
- AP Physics 1 is a prerequisite for AP Physics 2. |
| **Course framework is a lengthy list of learning objectives which comprises a checklist of topics to cover.** | **Course framework is:**  
- Organized under seven “big ideas” that articulate the foundational principles of introductory physics.  
- Focused on a series of learning objectives that clarify what students should know and be able to do to qualify for college credit and placement. Each learning objective combines physics content knowledge with one of seven foundational science practices. |
| **Student options after taking AP Physics B:**  
- AP Biology  
- Human Anatomy/Physiology | **Student options after taking AP Physics 1:**  
- AP Physics 2  
- AP Biology  
- Human Anatomy/Physiology |
| AP Physics B will no longer exist | AP Physics 1 will be offered in Fall 2014.  
AP Physics 1 and 2 will be offered in Fall 2015. |