This document helps to explain the GPA Calculator and its use as found here:

http://www.purdue.edu/studentsuccess/academic/resources/gpa_calc.html

GPA Calculator

1. Current GPA Hours
   - Found in online transcript, see instructions below to find

2. Current Quality Points
   - Found in online transcript, see instructions below to find

3. Credit Hours
   - Will vary by course. For example, ENGL 10600 is 4 credit hours, but COM 11400 is 3 credit hours.

4. Grade
   - For each course—use what you believe you will receive in the class.

5. Retake
   - Check this box if you are retaking the class.

6. Previous Grade
   - If you are retaking the class, fill in the grade you received previously. This grade would no longer figure into your GPA, rather the new grade will be used for computation of GPA.

To find values for 1 and 2, log into myPurdue. Click on the Academic tab, and choose Academic Transcript from the left. Scroll to the bottom to find your Transcript Totals.

<table>
<thead>
<tr>
<th>Transcript Totals (Undergraduate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Institution:</td>
</tr>
<tr>
<td>Attempt Hours</td>
</tr>
<tr>
<td>Total Transfer:</td>
</tr>
<tr>
<td>Attempt Hours</td>
</tr>
<tr>
<td>Overall:</td>
</tr>
<tr>
<td>Attempt Hours</td>
</tr>
</tbody>
</table>
Questions you can answer with the GPA Calculator

1. **What will my Semester GPA be if I get these grades?**
   Information needed: \(3\) and \(4\) for each course you are taking
   Calculated values will appear in the yellow areas. Adjust your grades to see the effects of doing better than or not as well as you expect.

2. **What will my Cumulative GPA be if I get these grades?**
   Information needed: \(1\) and \(2\), as well as \(3\) and \(4\) for each course you are taking. Additionally, you need to know if any of the classes are repeats, and if so what was your previous grade.
   Calculated values will appear in the yellow areas. Adjust your grades to see the effects of doing better than or not as well as you expect.

3. **I need a certain Cumulative GPA—what grades do I need to get?**
   Information needed: \(1\) and \(2\), as well as \(3\) and \(4\) for each course you are taking. Additionally, you need to know if any of the classes are repeats, and if so what was your previous grade.
   Calculated values will appear in the yellow areas. Adjust your grades to see the effects of doing better than or not as well as you expect.

4. **How will my GPA change if I retake a class?**
   Information needed: \(1\) and \(2\), as well as \(3\) and \(4\) for each course you are taking. Additionally, you need to know if any of the classes are repeats, and if so what was your previous grade.
   Calculated values will appear in the yellow areas. Adjust your grades to see the effects of doing better than or not as well as you expect.

5. **How will my GPA look if I take more credits?**
   Information needed: \(1\) and \(2\), as well as \(3\) and \(4\) for each course you are taking. Additionally, you need to know if any of the classes are repeats, and if so what was your previous grade.
   Add additional credit hours and approximate grades to see how your GPA changes. Calculated values will appear in the yellow areas. Adjust your grades to see the effects of doing better than or not as well as you expect.

6. **How will my GPA look if I take fewer credits or drop a class?**
   Information needed: \(1\) and \(2\), as well as \(3\) and \(4\) for each course you are taking. Additionally, you need to know if any of the classes are repeats, and if so what was your previous grade.
   For the classes you are thinking of removing or dropping, change the values for \(3\) to \(0\). Calculated values will appear in the yellow areas. Adjust your grades to see the effects of doing better than or not as well as you expect.

7. **How do I find my GPA in a specific set of classes?**
   Information needed: \(3\) and \(4\) for each course in the set.
   Calculated values will appear in the yellow areas. Adjust your grades to see the effects of doing better than or not as well as you expect.
Example questions and answers using the GPA Calculator

Purdue Pete is finishing the first week of his second semester at Purdue. Pete had a hard time adjusting to early classes in the fall, so he missed too many labs to pass his Chemistry class. He looked at his transcript and discovered his grades and GPA values for the fall were as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
<th>Grade</th>
<th>GPA Hours</th>
<th>Quality Points</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 16100</td>
<td>5</td>
<td>B+</td>
<td>5</td>
<td>16.5</td>
<td></td>
</tr>
<tr>
<td>CHM 11500</td>
<td>4</td>
<td>F</td>
<td>4</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>ENGL 10600</td>
<td>4</td>
<td>A-</td>
<td>4</td>
<td>14.8</td>
<td></td>
</tr>
<tr>
<td>EDPS 10500</td>
<td>3</td>
<td>B</td>
<td>3</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td><strong>Overall transcript values</strong></td>
<td><strong>16</strong></td>
<td></td>
<td><strong>16</strong></td>
<td><strong>40.3</strong></td>
<td><strong>2.52</strong></td>
</tr>
</tbody>
</table>

Pete is planning to take 5 courses this spring semester, and hopes to CODO to Engineering when grades are posted in May.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours (value for (\text{#3}))</th>
<th>Grade Pete thinks he will earn (value for (\text{#4}))</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 16200</td>
<td>5</td>
<td>B-</td>
</tr>
<tr>
<td>CHM 11500**</td>
<td>4</td>
<td>A-</td>
</tr>
<tr>
<td>COM 11400</td>
<td>3</td>
<td>A+</td>
</tr>
<tr>
<td>ECON 25100</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>GS 29001</td>
<td>1</td>
<td>B</td>
</tr>
</tbody>
</table>

** retaking this course, previous grade value F

1. **What will my Semester GPA be if I get these grades?**

   Pete wants to know his spring semester GPA—will he be able to earn semester honors? (3.5 or higher).

   Using the GPA calculator, he plugs in the values for his spring classes. According to the boxes at the top, it appears he would earn a 3.08 semester GPA.
2. **What will my Cumulative GPA be if I get these grades?**

   Pete wants to know how this would affect his cumulative GPA, so he changes the bottom and adds values to the top boxes to see that his cumulative GPA would raise to 3.2.

   **GPA Calculator**

   Current GPA Hours: 16  
   Current Quality Points: 40.3  
   Current GPA: 2.52  
   Projected Semester GPA: 3.08  
   Projected Cumulative GPA: 3.20  
   Projected Cumulative Quality Points: 89.6  
   Projected Semester Quality Points: 49.3

   **Course (optional)**  | **Credit Hours**  | **Grade**  | **Rota** | **Previous Grade**
   ---|---|---|---|---
   MA 10200 | 5 | B- |  |  
   CHM 11500 | 4 | A- |  | F 
   COM 11400 | 3 | A+ |  |  
   ECON 25100 | 3 | C |  |  
   GS 29001 | 1 | B |  |  
   0 |  | A+ |  |  

3. **I need a certain Cumulative GPA—what grades do I need to get?**

   Pete really wants to make the Dean’s list, so he wants his cumulative GPA to be 3.5 or higher. So, he adjusts some of his spring grade projections to see what it will take to get there. Looks like if he works really hard and earns grades like below, he can get there.
4. **How will my GPA change if I retake a class?**

Pete is curious—what if he didn’t retake CHM 11500, but instead took BIOL 11000 and earned the same A- he is projecting in CHM 11500. It looks like that would only put him at a 2.80 cumulative GPA—so retaking CHM 11500 resulted in a .40 difference in his cumulative GPA! He is definitely retaking that class!

5. **How will my GPA look if I take more credits?**

Pete is thinking of adding a band class to his spring schedule to get back to practicing his oboe. He adds that information to the list, and finds that getting an A in a 2 credit BAND class would not affect his GPA too much. He just has to decide if he has time to do that!
6. How will my GPA look if I take fewer credits or drop a class?
Pete decided he didn’t have time for band, so he took the original 16 hours he started with. However, he was really sick the day of the ECON 25100 exam, and is thinking of dropping that class. So, he changes the credit hours for ECON 25100 to 0, and sees that his GPA would be better dropping ECON 25100 than getting a bad grade.

7. How do I find my GPA in a specific set of classes?
Pete has decided that he really truly wants to CODO to Engineering. After consulting with his advisor, he learns that he needs to earn a 3.2 GPA in a certain set of classes. He wants to know how he has to do this semester to get the 3.2.
The courses that would be included in this set are MA 16100, MA 16200, CHM 11500, and ENGL 10600. He has been in CHM 11500 and MA 16200 long enough to realize that his original projected grades are incorrect, so he adjusts those to MA 16200—B+, and CHM 11500—B-. He finds he will just earn the 3.20. He knows to be safe he needs to work on that CHM 11500 grade—he immediately looks up the times for supplemental instruction and heads on his way there!