Increasing your GPA
(calculations are applicable to 2012 & 2013 cadets)

- Access the Repeats Summary screen in Post View to locate credit hours attempted, completed hours and grade points

**GPA is calculated by dividing the Total Grade points by the Attempted credit hours. Completed credit hours do not impact the GPA.**

1. **Target Fs for retake**

Example: John Doe has attempted 29.5 hours at VMI. He has completed 32.5 credit hours. (VMI + transfer credit) He has earned 74 grade points. He has a current GPA of 2.5085 (74 / 29.5)

Retaken at VMI

If he retakes a 3 credit hour course where an F was received, he can calculate his new GPA in the following way:

- Attempted hours will remain the same because they have been attempted at VMI previously ➔ 29.5
- Credit hours completed will increase by 3 if he is successful ➔ 32.5 + 3 = 35.5
- The increase of Grade points will depend upon the grade received, if he receives a C, he would receive 6 grade points which would bring the total grade points up to ➔ 80 (74 + 6 = 80)
- Calculate new GPA ➔ 80 / 29.5 = 2.7119

Retaken at an outside institution

If he retakes a 3 credit hour course where an F was received, he can calculate his GPA in the following way:

- Attempted hours will decrease because the course is being removed from the VMI calculation ➔ 29.5 – 3 = 26.5
- Credit hours completed will increase by 3 if he is successful ➔ 32.5 + 3 = 35.5
- The Grade points will not change because they are not included if earned at an outside institution. They will remain 74.
- If he obtains a transferrable grade, the new GPA will be ➔ 74 / 26.5 = 2.7925

2. **Target Ds for retake**

If he retakes a 3 credit hour course where a D was received and earns a C, his GPA would be calculated in the following ways:

- Attempted hours remain the same
- Credit hours completed remain the same
- Grade points earned during the first attempt should be removed and replaced by the grade points earned during the repeat

Retaken at VMI

29.5 Attempted hours 32.5 Completed hours 74 – 3 = 71 + 6 = 77 (Grade pts minus pts earned during first attempt plus pts earned during repeat)

- 77 / 29.5 = 2.6102

Retaken away from VMI (Attempted hours and pts earned during the first attempt will be removed)

29.5 – 3 = 26.5 32.5 Completed hours 74 – 3 = 71 (Grade pts minus pts earned during first attempt)

- 71/26.5=2.6792

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**How Grade points are calculated:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>

Ex: An "A" earned in a 3 credit hour course will give you a total of 12 grade points.
3. Trying to achieve a specific GPA

(Assuming that John Doe wants an overall GPA of 2.9)

**If he retakes a 3 credit hour course where an F was received at VMI, he can project a GPA by multiplying the attempted credit hours by the desired GPA. Then he will subtract the current grade points and divide the answer by the number of courses being repeated. This will tell him how many grade points must be earned during the repeat in order to reach the desired GPA.**

\[
29.5 \times 2.9 = 85.55 \\
85.55 - 74 = 11.55 \\
11.55 / 1 = 11.55---\text{He needs to obtain 11.55 grade points in order to get a 2.9 GPA (almost an A in the class). An ``A'' would earn him 12 grade points}
\]

**If he retakes a 3 credit hour course where an F was received at an outside institution, it is impossible to receive a 2.9 GPA because additional grade points cannot be earned.**

\[
26.5 \times 2.9 = 76.85 \\
76.85 - 74 = 2.85 \\
2.85 / 1 = 2.85---\text{Points are not awarded from outside institutions}
\]

**Remember:**
- New courses taken away from the Institute will never raise the VMI GPA.
- Cadets may only repeat Fs and Ds at an outside institution. (Courses where Cs or Bs were received can only be retaken at VMI.)

For additional assistance with GPA calculation, please contact your faculty advisor. Faculty advisors should be consulted regarding specific courses and major requirements.

Registrar’s Office personnel do not advise cadets. COL Battaglia, LTC Oliver or MAJ McKelvey can provide GPA confirmation assistance, if needed.