## IMPORTANT NOTES

- The engineering department has useful, easy-to-read, and understandable [transfer guides](#) which include prerequisites, course requirements, and much more.
- Engineering advisors are concerned that transfer students complete the right courses. Please feel free to email one of the [advisors](#) or call (269) 276-3270 to make an appointment.
- Mathematics is the language of engineering and applied sciences, and it serves as the basis for where students begin their academic career at WMU (see table below).
- Bachelor of Science Degree in Engineering and Applied Sciences:
  - All Engineering programs require successful completion of four Calculus courses.
  - Engineering Technology programs require a minimum of Pre-Calculus and Calculus I

Math courses completed at your previous institution(s) will determine your math placement at WMU.

<table>
<thead>
<tr>
<th>If you've completed the equivalent of:*</th>
<th>And received a grade of:</th>
<th>Then you are ready to take:</th>
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<tbody>
<tr>
<td>MATH 1180 (Precalculus) or higher</td>
<td>‘C’ or better (2.0 on a 4.0 scale)</td>
<td>Calculus I or higher</td>
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<td>Student begins Calculus I (or higher) in Pre-Engineering, Pre-Engineering Technology or Computer Science curriculum.</td>
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<tr>
<td>MATH 1110 (Algebra II)</td>
<td>‘B’ or better (3.0 on a 4.0 scale)</td>
<td>Precalculus</td>
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<td>Student begins Precalculus in Pre-Engineering, Pre-Engineering Technology or Computer Science curriculum.</td>
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<tr>
<td>MATH 1110 (Algebra II)</td>
<td>Below ‘B’ on first attempt</td>
<td>Algebra II</td>
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<td>• Student begins CEAS Exploratory Advising.</td>
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<td>• Must pass Algebra II with a B or better in no more than two attempts before advancing to Pre-Engineering or Pre-Engineering Technology curriculum.</td>
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<td>• Must earn at least a C in first attempt for a second attempt.</td>
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<tr>
<td>MATH 1100 (Algebra I)</td>
<td>‘B’ or better (3.0 on a 4.0 scale)</td>
<td>Algebra I or Computational Math Skills</td>
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<td>• Student placed in Exploratory Advising through the Center for Academic Success Programs at WMU.</td>
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<td>• Must pass Algebra I with a B or better in no more than two attempts before advancing to CEAS Exploratory Advising.</td>
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<tr>
<td></td>
<td>Below ‘B’ on first attempt</td>
<td>Exploratory Advising: <a href="http://www.wmich.edu/unv/">www.wmich.edu/unv/</a></td>
</tr>
</tbody>
</table>

*If you have no college math then ACT scores will be used to determine placement. If you have no ACT scores then you will need to arrange a placement test with the Department of Mathematics at WMU.*