What is your (first) college level math class?

- **MTH 119**
  - **MTH 125**
  - **MTH 131**

  **Do you have Introductory Algebra Competency?**

    - **Yes**
      - **Take it!**
        - **MTH 119**
        - **MTH 125**
        - **MTH 131**
    
    - **No**
      - **Take: MTH 119S**
      - **MTH 125S**
      - **MTH 131S**

  **Do you also need to take MTH 251?**

    - **Yes**
      - Take it before or at the same time as **MTH 131(S)**.
      - **MTH 131(S) → MTH 132**
      - **MTH 251 → MTH 252**
    
    - **No**
      - **Done!**

- **MTH 111**
  - **MTH 115**

  **Take it!**

- **MTH 127**
  - **MTH 152**

  **Do you have Intermediate Algebra Competency?**

    - **Yes**
      - **Take it!**
        - **MTH 127**
        - **MTH 152**
    
    - **No**
      - **Take: MTH 127S**
      - **MTH 152S**

  **MTH 127(S) → MTH 128**

- **MTH 172**
  - **MTH 243**

  **MTH 152(S)**

  - **MTH 214**
  - **MTH 244**

  - **MTH 215**

  - **MTH 253**
  - **MTH 254**

**Note:** You must have a C- or better in any college level course to take the next course in the sequence.

For questions or concerns please contact Dan or Autumn.

**Math Department Chair** Dan Avedikian, Dan.Avedikian@bristolcc.edu, 774-357-2348

**Developmental Math Coordinator** Autumn Alden, Autumn.Alden@bristolcc.edu, 774-357-3985

Last revised: March 2019
Mathematics Competencies

In an effort to make developmental math pre-requisites more understandable for everyone involved, the Math Department has defined a set of Math Competencies. As of the 2013-14 College Catalogue, these competencies will be used as pre-requisites in lieu of any previously existing pre-requisites. There are multiple ways to earn each competency — earning minimum grades in a lecture-based class, completing certain modules in a computer-aided instruction class, with minimum placement test scores, waiver, exemption based on transfer work, and more recently, with consideration of high school GPA. This could be expanded in the future.

<table>
<thead>
<tr>
<th>Arithmetic Competency</th>
<th>A score of 60 or higher on the Classic Arithmetic Accuplacer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A score of 256 or higher on the Next Generation Arithmetic Accuplacer</td>
</tr>
<tr>
<td></td>
<td>A score of 72 or higher on the Classic Elementary Algebra Accuplacer</td>
</tr>
<tr>
<td></td>
<td>A score of 262 or higher on the Next Generation Quantitative Reasoning, Algebra, and Statistics (QAS) Accuplacer</td>
</tr>
<tr>
<td></td>
<td>A grade of CD or higher in MTH 011</td>
</tr>
<tr>
<td></td>
<td>Successful completion of Modules 1-4 in MTH 001</td>
</tr>
<tr>
<td></td>
<td>Exemption or Waiver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Introductory Algebra Competency</th>
<th>A score of 72 or higher on the Classic Elementary Algebra Accuplacer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A score of 262 or higher on the Next Generation Quantitative Reasoning, Algebra, and Statistics (QAS) Accuplacer</td>
</tr>
<tr>
<td></td>
<td>A grade of CD or higher in MTH 021</td>
</tr>
<tr>
<td></td>
<td>Successful completion of Modules 5-8 in MTH 001/2</td>
</tr>
<tr>
<td></td>
<td>Exemption or Waiver</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Intermediate Algebra Competency</th>
<th>A score of 82 or higher on the Classic Elementary Algebra Accuplacer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A score of 268 or higher on the Next Generation Quantitative Reasoning, Algebra, and Statistics (QAS) Accuplacer</td>
</tr>
<tr>
<td></td>
<td>A grade of CD or higher in MTH 031</td>
</tr>
<tr>
<td></td>
<td>Successful completion of Modules 9-12 in MTH 001/2/3</td>
</tr>
<tr>
<td></td>
<td>Exemption or Waiver</td>
</tr>
</tbody>
</table>

For questions, especially about developmental math, please contact the Developmental Math Coordinator, Autumn Alden, at Autumn.Alden@bristolcc.edu or 774-357-3985. For questions, especially about college level math or pre-requisite waivers, please contact the Math Department Chair, Dan Avedikian, at Dan.Avedikian@bristolcc.edu or 774-357-2348.

Last updated: Spring 2019