

### Math Comparison Chart

| Current General Diploma Math Requirements  | Proposed WFR diploma  | TASKFORCE Suggested General Diploma/WFR Math Requirements  |
|--|---|--|
| 4 Credits:   | 6-8 credits:  | 4 credits math + 2 applied math  |
| 2 credits: Algebra I or Integrated Mathematics 1<br>2 credits: Any Math Course<br><br><i>-General diploma students are required to earn 2 credits in a Math or Quantitative Reasoning (QR) course during their junior or senior year.<br/>                     -QR courses do not count as math credits.</i> | 2 credits: Algebra I<br>2 credits: Algebra II, Geometry or Math 10 (with teacher approval)<br>2 -4 credits: Applied Math courses or state-approved alternatives | 2 credits: Algebra I or Integrated Mathematics 1<br>2 credits: Algebra II, Geometry or Math 10 (with teacher recommendation only)<br>2 credits: Any Math or Applied math courses |

| Current Core 40 Math Requirements<br>6 credits (9-12)  | Proposed CCR diploma<br>8 credits  |  |   | TASKFORCE Suggested Core 40 Math Requirements<br>6 credits + 2 credits in applied math or 4 <sup>th</sup> year math<br>(Credits must be taken in grades 9-12)                 |  |   |
|--|--|--|---|---|--|---|
|  | Calculus Sequence  | QR Sequence  | Tech Sequence   | STEM  | Non-STEM   | Tech Sequence   |
| 2 credits: Algebra I<br>2 credits: Geometry<br>2 credits: Algebra II<br><br><i>-Or complete Integrated Mathematics I, II, and III for 6 credits.<br/>                     -Students must take a math or quantitative reasoning course each year in high school</i> | 2 credits: Algebra I<br>2 credits: Geometry<br>2 credits: Algebra II<br>2 credits: Pre-Calculus AND Trig | 2 credits: Algebra I<br>2 credits: Geometry<br>2 credits: Algebra II<br>2 credits: Quantitative Reasoning <b>OR</b> Probability and Statistics | 2 credits: Algebra I<br>2 credits: Algebra II, Geometry or Math 10 (with teacher approval)<br>4 credits: Applied math courses <b>AND/OR</b> state approved alternatives | 6 credit +2 (pure/applied)<br><br>2: credits: Algebra I<br>2 credits: Geometry<br>2 credits: Algebra II<br>2 credits: Pre-Calc and Trigonometry <b>OR</b> applied math course | 6 credits +2 (pure/applied)<br><br>2 credits: Algebra I<br>2 credits: Geometry<br>2 credits: Algebra II<br>2 credits: Any 4 <sup>th</sup> year Course <b>OR</b> applied math | 6 credits +2 (pure/applied)<br><br>2 credits: Algebra I<br>2 credits: Geometry<br>2 credits: Algebra II<br>2 credits: any math <b>OR</b> applied math courses |

**\*\*\*Honors students MUST earn 8 credits of pure math**