

## Math Suggestions for Course Scheduling – Crawford High School

| <u>Current Class</u>                 | <u>Current Grade</u> | <u>Recommendation for Next Math</u>  | <u>Possible Year After</u>   |
|--------------------------------------|----------------------|--|--|
| 8 <sup>th</sup> Grade Math           | 70-89                | Algebra I  | Algebraic Reasoning or Geometry  |
| 8 <sup>th</sup> Grade Math           | 90-100               | Algebra I AAC  | Geometry AAC   |
| Algebra I                            | 70-75                | Algebraic Reasoning or Geometry (teacher rec)  | Math Models & Applications (MMA), Geometry   |
| Algebra I                            | 76-89                | Geometry   | Math Models & Applications (MMA), Algebra II   |
| Algebra I                            | 90-100               | Geometry or Geometry AAC (teacher rec)   | Algebra II, Algebra II AAC or Algebra II OnRamps   |
| Algebra I AAC                        | 70-84                | Geometry   | Math Models & Applications (MMA) or Algebra II   |
| Algebra I AAC                        | 85-100               | Geometry AAC   | Algebra II AAC or Algebra II OnRamps   |
| Algebraic Reasoning                  | 70-100               | If taken before Geometry, then take Geometry next  | MMA or Algebra II (NCAA requirement)   |
|                                      |                      | If taken after Geometry, then take Math Models and Applications (MMA) or Algebra II next (teacher rec)   | Algebra II   |
| Geometry                             | 70-75                | Math Models and Applications (MMA) or Algebraic Reasoning (teacher rec)  | Algebra II or MMA  |
| Geometry                             | 76-91                | Algebra II   | AQR, Statistics, Pre-Calculus AP   |
| Geometry                             | 92-100               | Algebra II, Algebra II AAC or Algebra II OnRamps (teacher recommendation)  | Pre-Calculus AP, Statistics or Statistics AP (teacher rec)   |
| Geometry AAC                         | 70-84                | Algebra II   | Pre-Calculus AP, Statistics or Statistics AP (teacher rec)   |
| Geometry AAC                         | 85-100               | Algebra II AAC or Algebra II OnRamps   | Pre-Calculus AP, Statistics or Statistics AP (teacher rec)   |
| Math Models and Applications (MMA)   | 70-100               | Algebra II, Statistics or College Prep Math (teacher rec)  | For senior year (if applicable): Statistics or AQR if student has Algebra II credit  |
| Algebra II                           | 70-79                | Advanced Quantitative Reasoning (AQR) or Statistics, College Prep Math (hand selection)<br>*Consult teacher for recommendation depending on grade level and future plans | Another option for senior year (if applicable): Statistics, AQR, Pre-Calculus AP   |
| Algebra II                           | 80-100               | Statistics or Statistics AP, Pre-Calculus AP   | Another option for senior year (if applicable): Statistics, Pre-Calculus AP  |
| Algebra II AAC<br>Algebra II OnRamps | 70-79                | Statistics or Statistics AP, Pre-Calculus AP   | Another option for senior year (if applicable): Statistics or Statistics AP (teacher rec), Pre-Calculus or Pre-Calculus AP (teacher rec) |
| Algebra II AAC<br>Algebra II OnRamps | 80-100               | Pre-Calculus AP, and/or Statistics AP  | Calculus AB or BC AP, Statistics AP  |
| Pre-Calculus                         | 70-89                | Statistics or Statistics AP (teacher rec)  |  |
| Pre-Calculus                         | 90-100               | Calculus AB AP, Statistics AP (teacher rec)  | Another option for senior year (if applicable): Statistics or Statistics AP  |
| Pre-Calculus AP                      | 70-82                | Calculus AB AP and/or Statistics AP  | Statistics or Statistics AP  |
| Pre-Calculus AP                      | 83-89                | Calculus AB AP or Calculus BC AP – discuss with teacher and/or Statistics AP   | Multivariable Calculus (after BC) or Statistics or Statistics AP (after AB)  |
| Pre-Calculus AP                      | 90-100               | Calculus BC AP and/or Statistics AP  | Multivariable Calculus or Statistics AP  |

**Notes:**

1. NCAA (college athletics) currently requires Algebra I, Geometry, Algebra II and 4<sup>th</sup> math  
(Students can take Algebraic Reasoning **OR** MMA as 4<sup>th</sup> math and must take Algebra I, Geometry and Algebra II)
2. Statistics AP can be taken any time after completion of Algebra II (either on-level or AAC)