

Math Prerequisites:

| Course | Prerequisite | Additional info |
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| Algebra I | Mathematics, Grade 8 or its equivalent | |
| Mathematical Models with Applications | Algebra I | |
| Mathematical Applications in Agriculture, Food, and Natural Resources | Recommended prerequisite: minimum of one credit from courses in the Agriculture, Food, and Natural Resources | |
| Digital Electronics | No prerequisites | Recommended for grades 11 and 12 |
| Robotics Programming and Design | Proficiency in the knowledge and skills relating to Technology Applications, Grades 6-8 | |
| Geometry | Algebra I | |
| Algebra II | Algebra I | |
| Statistics | On level with Algebra II | New in 2015-16 |
| Algebraic Reasoning | On level with Algebra II | New in 2015-16 |
| Precalculus | Geometry and Algebra II | |
| Mathematical Models with Applications | Algebra I | |
| Advanced Quantitative Reasoning | Geometry and Algebra II | |
| Engineering Mathematics | Algebra II | |
| College Preparatory course | | To be developed by ISD and IHE partner |
| Statistics and Risk Management | Recommended prerequisites: Accounting I and Algebra II | |
| Discrete Math for Problem Solving | Algebra II | Adopted 2013 |
| Independent Study in Mathematics | Geometry and Algebra II | Students may repeat this course with different course content for up to three credits. Content requirements. Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics, such as theory of equations, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics. |

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| AP Statistics | Recommended prerequisites: Algebra II, Geometry | |
| AP Calculus AB or BC | Recommended prerequisite: Precalculus | |
| IB mathematical Studies Standard Level | Recommended prerequisites: Algebra II, Geometry | |
| IB Mathematics Standard level | Recommended prerequisite: IB Mathematical Studies Standard Level or IB Mathematics Standard Level | |
| IB Mathematics Higher Level | Recommended prerequisite: IB Mathematical Studies Standard Level or IB Mathematics Standard Level | |
| Advanced Placement (AP) Computer Science | | Content requirements for Advanced Placement (AP) Computer Science A are prescribed in the College Board Publication Advanced Placement Course Description: Computer Science A, published by The College Board |