



Core 40 Quantitative Reasoning Courses 2012-13

The following courses satisfy the “Mathematics or quantitative reasoning course” in each year of high school for the **Core 40, AHD, and THD diplomas**. *Please note that only courses listed under “Mathematics” count toward the mathematics credit requirement.*

Advanced Placement

Biology, Advanced Placement (3020)
Calculus AB, Advanced Placement (2562)
Calculus BC, Advanced Placement (2572)
Chemistry, Advanced Placement (3060)
Computer Science A, Advanced Placement (4570)
Environmental Science, Advanced Placement (3012)
Macroeconomics, Advanced Placement (1564)
Microeconomics, Advanced Placement (1566)
Physics B, Advanced Placement (3080)
Physics C, Advanced Placement (3088)
Statistics, Advanced Placement (2570)

Agriculture

Advanced Life Science: Foods (5072)

Business, Marketing, IT

Computer Programming II (5236)
Computer Science A, Advanced Placement (4570)
Computer Science Higher Level, International Baccalaureate (4584)
Computer Science Standard Level, International Baccalaureate (4586)

Economics

Economics Higher Level, International Baccalaureate (1580)
Macroeconomics, Advanced Placement (1564)
Microeconomics, Advanced Placement (1566)

Engineering and Technology

Aerospace Engineering (4816), Non-PLTW (5518)
Civil Engineering and Architecture (4820), Non-PLTW (5650)
Computer Integrated Manufacturing (4810), Non-PLTW (5534)
Digital Electronics (4826), Non-PLTW (5538)
Engineering Design and Development (4828), Non-PLTW (5698)
Principles of Engineering (4814), Non-PLTW (5644)

Family and Consumer Science

Advanced Life Science: Foods (5072)

International Baccalaureate

Chemistry Higher Level, International Baccalaureate (3070)
Chemistry Standard Level, International Baccalaureate (3072)

Computer Science Higher Level, International Baccalaureate (4584)
Computer Science Standard Level, International Baccalaureate (4586)
Economics Higher Level, International Baccalaureate (1580)
Further Mathematics Standard Level, International Baccalaureate (2580)
Mathematical Studies Standard Level, International Baccalaureate (2586)
Mathematics Higher Level, International Baccalaureate (2582)
Mathematics Standard Level, International Baccalaureate (2584)
Physics Higher Level, International Baccalaureate (3096)
Physics Standard Level, International Baccalaureate (3098)

Mathematics

Advanced Mathematics, College Credit (2544)
Algebra I (2520)
Algebra II (2520)
Calculus AB, Advanced Placement (2562)
Calculus BC, Advanced Placement (2572)
Discrete Mathematics (2530)
Further Mathematics Standard Level, International Baccalaureate (2580)
Geometry (2532)
Integrated Mathematics I (2554)
Integrated Mathematics II (2556)
Integrated Mathematics III (2558)
Mathematical Studies Standard Level, International Baccalaureate (2586)
Mathematics Higher Level, International Baccalaureate (2582)
Mathematics Standard Level, International Baccalaureate (2584)
Pre-Calculus/Trigonometry (2564)
Pre-Calculus (2568)
Probability and Statistics (2546)
Statistics, Advanced Placement (2570)
Trigonometry (2566)

Science

Biology, Advanced Placement (3020)
Chemistry I (3064)
Chemistry II (3066)
Chemistry Higher Level, International Baccalaureate (3070)
Chemistry Standard Level, International Baccalaureate (3072)
Chemistry, Advanced Placement (3060)
Environmental Science, Advanced Placement (3012)
Physics I (3084)
Physics II (3086)
Physics B, Advanced Placement (3080)
Physics C, Advanced Placement (3088)
Physics Higher Level, International Baccalaureate (3096)
Physics Standard Level, International Baccalaureate (3098)

Trade and Industrial Education

Advanced Manufacturing II (5606)
Architectural Drafting Design II (5652)
Mechanical Drafting Design II (4838)
Precision Machining II (5784)