



The Academy for

MATHEMATICS, SCIENCE AND ENGINEERING

Grade 9 Courses

Geometry A

Analysis 1

English 1

Social Studies 1

Physics 1

CAD

Physical Education

World Language

Elective (Select from among Band, Chorus, Color and Design, Word Processing/Internet Basics, Computer Programming Math Using Visual BASIC, Introduction to Technology)

Grade 10 Courses

Fundamentals of Engineering

Analysis 2

English 2

Social Studies 2

Chemistry

Science Inquiry and Technology 1 (Academy)

Physical Education

World Language

Elective (Choose from among Public Speaking, Dramatics, Computer Programming Math 1A, Color and Design, Computers in Art 1, Business Web Page Development, Band, Chorus, Introduction to Technology, Control Technology, Music 1)

Grade 11 Courses

Calculus (Choose from among AP Calculus BC, AP Calculus AB, or Calculus and Analytic Geometry)

Science Inquiry and Technology 2 (Academy)

English

Social Studies

Biology

Business Strategies

Physical Education

Additional courses may include other AP courses or electives.

Grade 12 Courses

English 4

Biotechnology

Science Inquiry and Technology 3 (Academy)

Macroeconomics

Technical Writing

Physical Education

Additional courses may include AP Science courses, AP Math/Computer courses, mathematics courses at County College of Morris, other AP courses, electives in technology, other electives, or independent study courses.