

Engineering/Applied Science Computer Science

Required:

Algebra 1
Geometry
Algebra 2

Highly recommended electives

Precalculus
Computer Science
Calculus (AB or BC)
* AP Computer Science
* Computer Systems

Additional Recommended Electives

AP Statistics
AP Computer Science

*For Computer Science Careers

Biology/Chemistry Business/Economics

Required:

Algebra 1
Geometry
Algebra 2

Highly recommended electives

Precalculus
Calculus (AB or BC)
AP Statistics or Prob & Stats

Additional fun Electives

Computer Science
AP Computer Science

Social Sciences History/Sociology

Required:

Algebra 1
Geometry
Algebra 2

Highly recommended electives

PreCalculus
AP Statistics OR
Prob & Stats or Discrete Math
Computer Science

Additional Electives (depending on ability and interest)

AP Computer Science
Calculus (AB or BC)

Psychology

Required:

Algebra 1
Geometry
Algebra 2

Highly recommended electives

Precalculus
Computer Science
AP Statistics or Prob and Stats

Additional Electives (depending on interest and ability)

Discrete Math
Calculus AB/BC
AP Computer Science

Liberal Arts/Education NOT interested in math/science

Required:

Algebra 1
Geometry
Algebra 2

Highly recommended electives

PreCalculus
Computer Science
AP Statistics OR
Prob & Stats or Discrete Math

Additional fun Electives

AP Computer Science
AP Calculus AB

Career and Technical

Required:

Algebra 1
Geometry
Algebra 2

Highly recommended electives

Computer Science
Discrete Math

Additional fun Electives

Prob & Stats
AP Computer Science

Please see your math teacher for specific questions or for careers not listed.

Top 10 Rated Jobs Rated by CareerCast 2010

1. Actuary *
2. Software Engineer*
3. Computer System Analyst*
4. Biologist*
5. Historian (with a PhD)
6. Mathematician*
7. Paralegal Assistant
8. Statistician*
9. Accountant*
10. Dental Hygienist

*Jobs directly related to math!!

www.careercast.com/jobs/content/slideshow-10-best-jobs-2010



NOTE: Jobs Rated Almanac has a very similar ranking

For Additional Help here are some useful contacts:

Mr. J Mika: Math Chairperson
Calculus, PreCalculus and Stats teacher

John.mika@fcps.edu

Rev. Doug Oberle: Computer Science teacher and expert

doberle@fcps.edu



This brochure was developed to aid you as you begin planning your math electives. Please discuss your choices with your math teacher and the teachers who are teaching the elective courses you wish to take. Also, talk to teachers who are in your field of interest and work with your counselors to help you make the best choices to prepare you for college and/or your career.

Best of luck with all your courses and your career goals.

HAYFIELD SECONDARY SCHOOL

*Department of Mathematics and
Computer Science*

MATH ELECTIVES



**A Helpful Tool for
Planning your
Future**