Highline College Mathematics Placement Guide
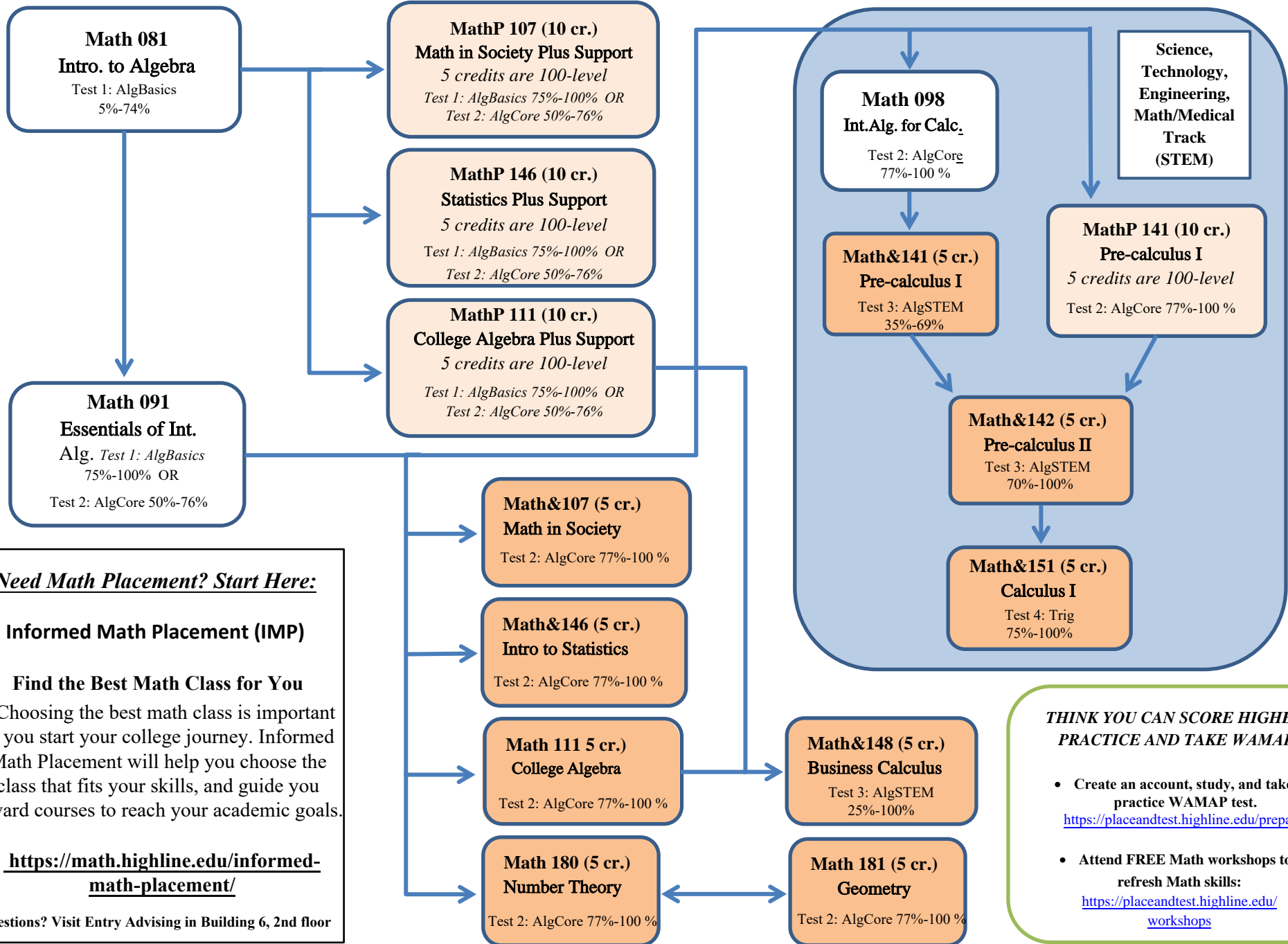
Identify what math course is needed for your Pathway and Program of Study @ pathways.highline.edu

Math 081
Intro. to Algebra
Test 1: AlgBasics
5%-74%

MathP 107 (10 cr.)
Math in Society Plus Support
5 credits are 100-level
Test 1: AlgBasics 75%-100% OR
Test 2: AlgCore 50%-76%

MathP 146 (10 cr.)
Statistics Plus Support
5 credits are 100-level
Test 1: AlgBasics 75%-100% OR
Test 2: AlgCore 50%-76%

MathP 111 (10 cr.)
College Algebra Plus Support
5 credits are 100-level
Test 1: AlgBasics 75%-100% OR
Test 2: AlgCore 50%-76%

Math 091
Essentials of Int.
Alg. *Test 1: AlgBasics*
75%-100% OR
Test 2: AlgCore 50%-76%

Math 098
Int.Alg. for Calc.
Test 2: AlgCore
77%-100 %

Science, Technology, Engineering, Math/Medical Track (STEM)

MathP 141 (10 cr.)
Pre-calculus I
5 credits are 100-level
Test 2: AlgCore 77%-100 %

Math&141 (5 cr.)
Pre-calculus I
Test 3: AlgSTEM
35%-69%

Math&142 (5 cr.)
Pre-calculus II
Test 3: AlgSTEM
70%-100%

Math&151 (5 cr.)
Calculus I
Test 4: Trig
75%-100%

Math&107 (5 cr.)
Math in Society
Test 2: AlgCore 77%-100 %

Math&146 (5 cr.)
Intro to Statistics
Test 2: AlgCore 77%-100 %

Math 111 5 cr.)
College Algebra
Test 2: AlgCore 77%-100 %

Math&148 (5 cr.)
Business Calculus
Test 3: AlgSTEM
25%-100%

Math 180 (5 cr.)
Number Theory
Test 2: AlgCore 77%-100 %

Math 181 (5 cr.)
Geometry
Test 2: AlgCore 77%-100 %

Need Math Placement? Start Here:

Informed Math Placement (IMP)

Find the Best Math Class for You

Choosing the best math class is important as you start your college journey. Informed Math Placement will help you choose the class that fits your skills, and guide you toward courses to reach your academic goals.

https://math.highline.edu/informed-math-placement/

Questions? Visit Entry Advising in Building 6, 2nd floor

THINK YOU CAN SCORE HIGHER? PRACTICE AND TAKE WAMAP!

- **Create an account, study, and take a practice WAMAP test.**
  https://placeandtest.highline.edu/prepare/

- **Attend FREE Math workshops to refresh Math skills:**
  https://placeandtest.highline.edu/workshops

High School Mathematics Transcript Placement

What was the last math course you took?	What was the grade you earned in the last semester?	If you completed it within ____ of today's date	You place into_____
1st Year Algebra: Basic Algebra Algebra 1/2 Integrated 1/2 Integrated 3/4 Geometry Math Matters 3/4	A's	2 years	Math 91
2nd Year Algebra: Advanced Algebra Intermediate Algebra Algebra 3/4 Integrated 5/6 Math Matters 5/6	A's	2 years	Math&107, 111, 180, 181, &146
	A's	1 year	Math 98
	C's or better	2 years	Math 91
Precalculus: Precalculus Math Analysis Trigonometry	A's (first semester)	1 year	Math& 141
	A' (second semester)	1 Year	Math& 142
	B's or better	1 year	Math 98
	B's or better	2 years	Math&107, 111, 180, 181, &146
Calculus (Please have your AP test score sent to Highline for higher placement.)	B's or better	1 year	Math&151
	B's or better	2 years	Math&148
AP Statistics	C's or better	2 years	Math& 107, 146, 180, 181
	B *and* Algebra ¾ B	2 years-Algebra 2	Math &111

Here is a brief description of content covered in some of Highline's Math courses that will better assist you in determining if you are placed correctly:

- Math 081: Introduction to Algebra – Fraction and signed number arithmetic, evaluation of expressions, and solving linear equations in one variable, and real-life applications of graphs.

- Math 091: Essentials of Intermediate Algebra – Functions (linear, exponential, quadratic), and simplifying expressions involving integer exponents, and solving linear equations in two variables.

- Math 098: Intermediate Algebra for Calculus – Factoring, simplifying polynomials, rational and radical expressions, solving polynomial, rational, and radical equations, and introduction to rational, radical, and polynomial functions.

- Math&107: Math in Society – Topics are mathematics of finance, exponential growth, statistics, and other social applications.

- Math 111: College Algebra – Applications of functions (linear, quadratic, exponential and logarithmic) in business and social sciences, including total cost revenue and profit, fitting curves to data, theory of matrices, and graphical methods for optimization.

- Math 141: Pre-Calculus I – Polynomial, rational, piecewise, exponential, and logarithmic functions and algebraic techniques related to them. Also includes circles, nonlinear inequalities, and complex numbers.

- Math 142: Pre-Calculus II – Concepts, properties and algebra of trigonometric functions, including their graphs, inverses, laws of sines and cosines, identities and equations. Also covers vectors, polar coordinates and conic sections.

- Math&146: Introduction to Statistics – Descriptive methods; basic statistical vocabulary and symbols; sampling techniques; probability and probability distributions; and inferential methods including confidence intervals and hypothesis testing emphasizing applications to social science and nursing.

- Math 180: Foundations of Arithmetic – Reasoning behind the real number system and its associated operations including physical, visual, and symbolic representations of numbers, percentages, and proportions.

Other course information may be found in the class schedule and catalog at
http://www.highline.edu/