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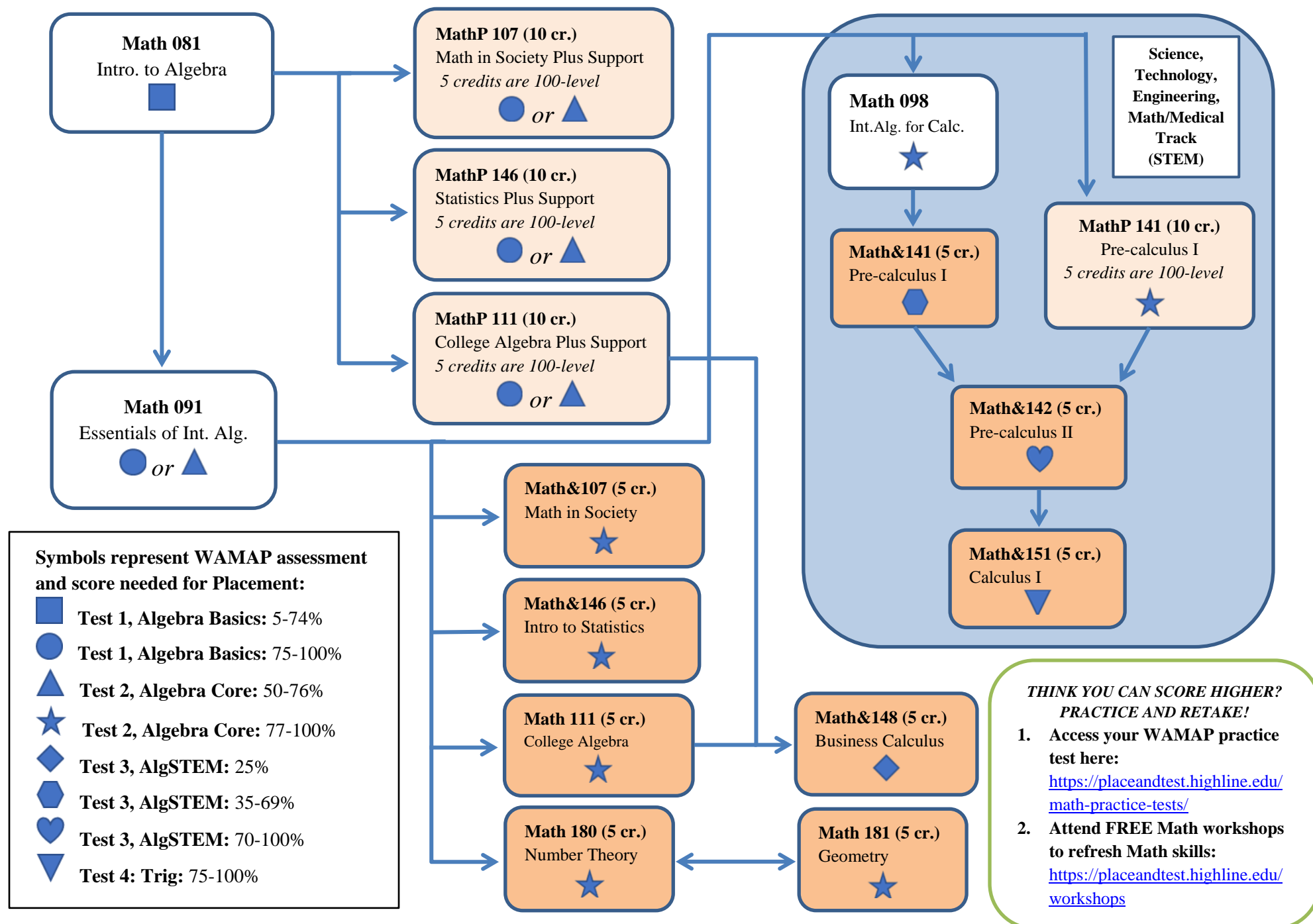
Identify what math course is needed for your Pathway and Program of Study @ pathways.highline.edu

Math 081
Intro. to Algebra
■

Math 091
Essentials of Int. Alg.
● *or* ▲

MathP 107 (10 cr.)
Math in Society Plus Support
5 credits are 100-level
● *or* ▲

MathP 146 (10 cr.)
Statistics Plus Support
5 credits are 100-level
● *or* ▲

MathP 111 (10 cr.)
College Algebra Plus Support
5 credits are 100-level
● *or* ▲

Math&107 (5 cr.)
Math in Society
★

Math&146 (5 cr.)
Intro to Statistics
★

Math 111 (5 cr.)
College Algebra
★

Math 180 (5 cr.)
Number Theory
★

Math&148 (5 cr.)
Business Calculus
◆

Math 181 (5 cr.)
Geometry
★

Math 098
Int.Alg. for Calc.
★

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

Math&141 (5 cr.)
Pre-calculus I
⬡

MathP 141 (10 cr.)
Pre-calculus I
5 credits are 100-level
★

Math&142 (5 cr.)
Pre-calculus II
♥

Math&151 (5 cr.)
Calculus I
▼

Symbols represent WAMAP assessment and score needed for Placement:

■ **Test 1, Algebra Basics:** 5-74%

● **Test 1, Algebra Basics:** 75-100%

▲ **Test 2, Algebra Core:** 50-76%

★ **Test 2, Algebra Core:** 77-100%

◆ **Test 3, AlgSTEM:** 25%

⬡ **Test 3, AlgSTEM:** 35-69%

♥ **Test 3, AlgSTEM:** 70-100%

▼ **Test 4: Trig:** 75-100%

THINK YOU CAN SCORE HIGHER? PRACTICE AND RETAKE!
1. **Access your WAMAP practice test here:** https://placeandtest.highline.edu/math-practice-tests/
2. **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/