PSU Mathematics Placement Scheme

Find the student's Mathematics ACT and go down that column until you arrive at the row which best describes the student's High School mathematics background. The mathematics courses which would be appropriate for your student are listed by number in that cell. If a student did well in the HS mathematics courses, then you might choose the higher numbered courses, otherwise it would be wise to choose the lower numbered courses.

High School Math Courses	Lower than 19 ACT Score	19-21 ACT Score	22-24 ACT Score	25 and above ACT Score
No Algebra	019	019	019 or 133	019 or 133
Algebra I	019	019 or 133	019, 110, or 133	019, 110, or 133
Algebra I & II	019 or 133	019, 110, or 133	019, 110, or 133	110 or 133
Algebra I & II Geometry	019 or 133	019, 110, or 133	019, 110, or 133	110, 113, or 133
Algebra I & II Geometry Trigonometry	019 or 133	019, 110, 113, or 133	113, 122, 126, 133, or 143	113, 122, 126, 133, 143, or 150
Algebra I & II Geometry Trigonometry Pre-Calculus (also Sr. Math or Analysis)	110 or 133	110, 113, 122, 133, or 143	113, 122, 126, 133, 143, or 150	113, 122, 126, 133, 143, or 150
Algebra I & II Geometry Trigonometry Pre-Calculus Calculus	113, 122, 126, 133, or 143	113, 122, 126, 133, 143, or 150	113, 122, 126, 133, 143, or 150	113, 122, 126, 133, 143, or 150

Target Audience for Courses:

MATH 019 - Intermediate Algebra (offered by NCCC) - intended for those with some algebra background who need more work in algebra before taking Math 110 College Algebra w/ Review. This is a 4 hour course which meets M-F for 60 days.

MATH 110 - College Algebra with Review - a 5 hour course which meets M-F - intended for those who have a chance of successfully completing College Algebra at a slower pace than is done in MATH 113. Only 3 hours count toward a degree.

MATH 113 - College Algebra.

MATH 122 - Plane Trigonometry.

MATH 126 - Pre-Calculus - intended for students who will eventually have to take MATH 150 Calculus I and whose algebra/trigonometry skills are pretty good, but not quite good enough for MATH 150. This is a good course for those who want to brush up on their trigonometry and do not have a lot of confidence, even though their ACT score and HS work look good.

MATH 133 - Quantitative Reasoning - This course is for students needing a general education course in mathematics. It does **NOT** prepare students for other math classes and it is **NOT** intended for students planning to major in a field that requires advanced mathematical skills.

MATH 143 - Elementary Statistics

MATH 150 - Calculus I