	Algebra/Geometry (or Math 1/Math 2) Course Expectations	Algebra 2 Equivalent Course Expectations	Expectation When Entering a College Math Course
Algebraic Reasoning			Beginning college students interpret mathematical notation. They parse expressions, especially fractions, and identify what effect individual terms and factors have on an expression's overall value. Beginning college students use mathematical notation to describe numeric patterns, relationships, and structure. They purposefully offer equivalent expressions that further their analysis. Beginning college students make sense of and use tabular, graphical, and symbolic representations
Adaptive Reasoning			Beginning college students are familiar with initiating and developing their own problem-solving strategies in a flexible manner. They are willing to explore unfamiliar situations by investigating quantitative information, citing assumptions, representing quantities, expressing relationships, posing conjectures, and pursuing evidence. Beginning college students draw logical conclusions from such investigations and can articulate their reasoning
Communication			Beginning college students strive to use proper mathematical language and notation to communicate effectively and to describe their reasoning with clarity and precision. Students demonstrate how, when, and why their reasoning accounts for "all" appropriate aspects of a given situation. Students can answer the question, "How do we know?" In an effort to organize their own thoughts, beginning college students can participate in group investigations. They can collaborate with other students by sharing ideas, clarifying their own thoughts, making inquiries when not understanding, and summarizing group conclusions

Independence			Beginning college students are emerging independent learners. They actively direct their own learning, monitor their progress and understanding, diagnose when they need assistance, and seek appropriate help when needed. This effort is noticeable in student work habits outside of class: engaging in learning activities that involve reading mathematical materials, managing their time, expressing their understanding of homework questions, persevering through confusion, seeking feedback to their thoughts, and responding to offered suggestions. Beginning college students are ready and willing to adapt to available technology.