Mathematics Testing and Placement

Students take one of two tests to determine their mathematics skills:

Basic Test for freshmen with a MSAT $\leq$ 440
    <u>Two parts:</u>
    Computation - 19 items
    Elementary Algebra - 21 items

Advanced Test for freshmen with a MSAT > 440 or transfer students
    <u>Three parts</u>:
    Elementary Algebra - 21 items
    College Algebra - 23 items
    Pre-Calculus - 6 items

Results determine if students have prerequisite <u>mathematics</u> skills at the levels below. Critical thinking and problem solving skills required by courses such as MATH 104 and 109 are not measured by the mathematics placement test. Students should select courses based on their projected course of study, mathematics placement results and indicators of critical thinking skills, i.e. their language placement results or SAT's.

Level	Courses		Prerequisites/Criteria
Level I	MATH 104 MATH 109	**Basic Test:**	13 or greater on Computation portion **and** 6 to 12 on Elem. Algebra portion
		Advanced Test:	6 to 12 on Elem. Algebra portion

Note: Students who do <u>not</u> meet Level I are <u>required</u> to enroll in DVMT 095* during their first semester and must continue to enroll until this course is passed. Students at Level I or below should be advised that they might not have sufficient math skills for mathematics-based courses in other departments.
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Level I courses <u>are not</u> prerequisite for Level II courses.
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Level	Courses		Prerequisites/Criteria
Level II	MATH 118 MATH 119	**Basic Test:**	13 or greater on Elem. Algebra portion
	CHEM 201	**Advanced Test:**	13 or greater on Elem. Algebra portion

Note: Students who do <u>not</u> meet Level II and want to take a course at this level must pass DVMT 100* to develop the prerequisite skills. Students at Level II that have a MSAT below 520 should be advised that their math skills may not be adequate for mathematics-based courses in other departments.

Level	Courses		Prerequisites/Criteria
Level III	MATH 120 MATH 220	**Advanced Test:**	30 to 34 total score **or** 35 or greater total score and less than 3 on Pre-Calc portion

Note: Students who do <u>not</u> meet Level III and want to take a course at this level must pass a Level II course with at least a <u>C</u> to demonstrate the prerequisite skills.

Level	Courses		Prerequisites/Criteria
Level IV	MATH 236	**Advanced Test:**	35 or greater total score **and** 3 or greater on Pre-Calc

Note: Students who do <u>not</u> meet Level IV and want to take a course at this level must pass a Level III course with at least a <u>C</u> to demonstrate the prerequisite skills.

*Worth 3 institutional credits that do not count toward graduation or General Education requirements.