



2007

New Faculty Orientation

Mathematics Placement and Developmental Mathematics

Students are required to have high school algebra credit for entrance into UTC. In addition, they are required to have an additional level of mathematical knowledge (general ed/major requirements) to graduate from UTC.

Two methods to place students into a mathematics course were initiated in fall 2006. Students are placed by either UTC's Math Placement Test or the student's ACT mathematics score.

What Level? What Score? Which Math Course?

UTC Course	Placement Criteria	
	ACT Math Score	or UTC placement level
Math 105: Elementary Algebra	*Math score 11-18	or Level 05
Math 106: Intermediate Algebra	*Math score 19-21	or Level 15
Math 123: Math in Our Modern World	*Math score 22-36	or Level 20
Math 210: Statistics	*Math score 22-36	or Level 20
Math 215: Math for elem./middle teachers	Math score 24-25	or Level 20
Math 131: College Algebra	Math score 24-25	or Level 20
Math 144: Precalculus I	Math score 24-25	or Level 20
Math 136: Calculus for Mgt, LF, & SS	Math score 26-36	or Level 30
Math 145: Precalculus II	Math score 26-36	or Level 30
Math 151: Calculus I	Math score 28-36	or Level 40 with one semester of HS trig

*All students with an ACT math score less than 24 **are required** to take the math placement test.

SAT I Math	ACT Math
200-450	11-18
460-510	19-21
520-550	22-23
560-580	24-25
590-620	26-27
630-800	28-36
Adapted from College Board Report No. 99-1	

Students who are not required to take the math placement test may do so in order to place into a higher level of math as compared to the placement by their ACT math score.

Students with prior college credit in math that transfers in as one of UTC's mathematics courses with a grade of C or better are not required to take the placement test.

Our Math Department faculty have prepared online practice problems, and we encourage all students- especially if it's been a while since your last math class- to visit the website before talking the test. To access the practice problems, visit <http://tangent.utc.edu/math-help>

The mathematics placement level represents the student's workable knowledge of arithmetic and algebra. The level at which a student is placed is based on the actual score on each part of the placement test (arithmetic and algebra) and his/her high school background information. There are five possible levels: 05, 15, 20, 30, 40. The mathematics placement test is only taken once. Levels 05 and 15 indicate students who have a limited understanding of basic algebra. Levels 20, 30, and 40 indicate students who have the algebra background necessary to be successful in college-level courses.

The Math Department places a student in a course in which he/she can be successful. When a student is successful, the retention level is greater.

The General Education math and statistics requirements are two different items. Statistics: Math 210 requires a level 20 on the mathematics placement test, ACT math score of 22, or a prerequisite of Math 106; students can take math 210 and 123/144/145/151/215 during the same semester

Math: Refer to chart.

UTC provides students, who are weak in algebra, two courses (105 and 106) to facilitate their access to college-level math courses.

Prerequisites for all mathematics courses are strictly enforced.

Additional information can be found at <http://www.utc.edu/Academic/Mathematics>

> Course Information

> Placement Test Information

or

>Developmental Mathematics

Note: Some entry-level courses in other disciplines have a math prerequisite such as business, chemistry, and computer science.

If you have additional questions contact:

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