

TCC Math Changes Effective Fall 2018

In 2017, the Virginia Community College System redesigned most of its mathematics courses. New courses, as well as “old” courses that were given new course numbers, will be implemented at TCC in Fall 2018. The table below shows the old course numbers, new course numbers, course name and pre/co-requisite information.

OLD COURSE NUMBER	NEW COURSE NUMBER	NEW COURSE NAME	COURSE PREREQUISITE/CO-REQUISITE
MTH 1	MTH 3	Introduction to Algebra	Prerequisite: Qualifying placement test scores
MTH 95	MTH 5	Linear Equations and Inequalities in One and Two Variables	Prerequisite: MTH 3 (or MTH 1), or MTE 1-3, or qualifying placement score
MTE 6	No change	Exponents, Factoring and Polynomial Equations	Prerequisite: MTH 3 (MTH 1) or MTE 1-3, and MTH 5 (or MTH 95) or MTE 4-5; or qualifying placement test scores
MTE 7	No change	Rational Expressions and Equations	Prerequisite: MTH 3 (MTH 1) or MTE 1-3, and MTH 5 (or MTH 95) or MTE 4-5 and MTE 6; or qualifying placement test scores
MTE 8	No change	Rational Exponents and Radicals	Prerequisite: MTH 3 (MTH 1) or MTE 1-3, and MTH 5 (or MTH 95) or MTE 4-5 and MTE 6-7; or qualifying placement test scores
MTE 9	No change	Functions, Quadratic Equations and Parabolas	Prerequisite: MTH 3 (MTH 1) or MTE 1-3, and MTH 5 (or MTH 95) or MTE 4-5 and MTE 6-8; or qualifying placement test scores
N/A	MCR 4	Learning Support for Quantitative Reasoning	Prerequisite: MTH 3 (or MTH 1), or completion of any three of the MTE modules 1-5, or qualifying placement score. Co-requisite: Students in this course will be co-enrolled in MTH 154.
N/A	MCR 6	Learning Support for PreCalculus I	Prerequisite: MTH 3 (or MTH 1), MTH 5 (or MTH 95) and any two MTE modules 6-9, or any seven of the MTE modules 1-9; or qualifying placement score. Co-requisite: Students in this course will be co-enrolled in MTH 161.
MTH 103	MTH 111	Basic Technical Mathematics	Prerequisite: MTH 3 (or MTH 1), or MTE 1-3, or qualifying placement score
MTH 121	MTH 130	Fundamentals of Reasoning	Prerequisite: MTH 3 (or MTH 1), or MTE 1-3, or qualifying placement score
MTH 115	MTH 131	Technical Mathematics	MTH 3 (or MTH 1) or MTE 1-3, and MTH 5 (or MTH 95) or MTE 4-5, and MTE 6; or qualifying placement score.
MTH 126		Mathematics for Allied Health	This course will no longer be offered. Students should take MTH 154 or a higher level math course. Students who've taken MTH 126 previously for programs that allowed it as an option will be permitted to use the course to meet degree requirements for that same program through spring 2023.
MTH 152	MTH 154	Quantitative Reasoning	Prerequisite: MTH 3 (MTH 1) or MTE 1-3, and MTH 5 (or MTH 95) or MTE 4-5; or qualifying placement test score. Co-requisite: MCR 4 may be required for students needing additional assistance based on placement testing recommendation.
MTH 157		Elementary Statistics	This course will no longer be offered. Students should consider taking MTH 245. Students who've taken MTH 157 previously for programs that allowed it as an option will be permitted to use the course to meet degree requirements for that same program through spring 2023.
MTH 158		College Algebra	This course will no longer be offered. Students should consider taking MTH 161 or MTH 154.

MTH 163	MTH 161	PreCalculus I	Prerequisite: MTH 3 (or MTH 1) or MTE 1-3, and MTH 5 (or MTH 95) or MTE 4-5, and MTE 6-9; or qualifying placement score. Co-requisite: MCR 6 may be required for students needing additional assistance based on placement testing recommendation.
MTH 164	MTH 162	PreCalculus II	Prerequisite: MTH 161 or MTH 163 with a grade of C or better, or qualifying placement score
MTH 166	MTH 167	PreCalculus with Trigonometry	Prerequisite: MTH 3 (or MTH 1) or MTE 1-3, and MTH 5 (or MTH 95) or MTE 4-5, and MTE 6-9 or qualifying placement score
MTH 173	MTH 263	Calculus I	Prerequisite: MTH 162, MTH 164, MTH 166, or MTH 167 with a grade of C or better, or qualifying placement score
MTH 174	MTH 264	Calculus II	Prerequisite: MTH 173 or MTH 263 with a grade of C or better
MTH 243	MTH 283	Probability and Statistics	Prerequisite: MTH 174 or MTH 264 with a grade of C or better
N/A	MTH 245	Statistics I	Prerequisite: MTH 152, MTH154, MTH 158, MTH 161, or MTH 163 with a grade of C or better, or qualifying placement score
MTH 270	MTH 261	Applied Calculus I	Prerequisite: MTH 161, MTH 163, MTH 166, or MTH 167 with a grade of C or better, or qualifying placement score
MTH 277	MTH 265	Calculus III	Prerequisite: MTH 174 or MTH 264 with a grade of C or better
MTH 279	MTH 267	Differential Equations	Prerequisite: MTH 264 or MTH 174 with a grade of C or better
MTH 285	MTH 266	Linear Algebra	Prerequisite: MTH 174 or MTH 264 with a grade of C or better