Beginning with fall 2016, Cuyahoga Community College (Tri-C) is phasing in new mathematics courses. These courses were developed to accommodate changes in policy by the State of Ohio. Tri-C’s curriculum has also been adjusted to provide clearer pathways for students in various degree and certificate programs. All new courses will be phased in by fall 16 and all old courses will be phased out by summer 17.
The New Pathways  Please check the catalog for the specific math requirements for your degree or certificate program and/or see a counselor regarding the appropriate math course to take for your Tri-C degree or certificate and if you are planning to transfer to a four-year college or university.

**Math 0910 Basic Arithmetic/Pre-Algebra (3)**

- **Literacy Track**
  - 0990 Math Literacy (4) or 0955* Beginning Algebra (6)

- **Statistics Track**
  - 0955* Beginning Algebra (6)

- **STEM Track**
  - 0955* Beginning Algebra (6)
  - 0965* Intermediate Algebra (6)

- 1100* Mathematical Explorations (3)

- 1240* Contemporary Math (3)

- 1410 Elementary Probability & Statistics I (3)

- 1420 Elementary Probability & Statistics II (3)

- Recommended for students who need essential math skills for their career. MATH 1100 is an exploration into modern mathematical topics that are less computational and instead focused on developing skills in critical thinking, problem solving and logical reasoning. MATH 0990 develops skills in context through algebraic and proportional reasoning. It introduces students to applications in basic statistics, probability, functions, financial literacy and linear and exponential modeling.

**Math 1240 Contemporary Mathematics (3 credit hours)**

- Financial Literacy
- Dimensional Analysis
- Graph Theory
- Probability
- Statistics

Math 1530 College Algebra (4 hrs) replaces the current College Algebra 1521 and Math 1540 Trigonometry (3 hrs) replaces the current Trigonometry 1510. Even though the topics remain generally unchanged, the course numbering has changed because College Algebra is now a prerequisite for Trigonometry.