Which MCC Math Course Should I Take? 2019 – 2020 Academic Year

**Placement Level *1**

**Level 1**
- TRS 092*2,*3 Basic Math (5)
- LEVEL 1

**Level 2 or Level 3**
- MTH 130 Business Math (3)
- TRS 094*2,*3 Pre-Algebra (5)
- MTH 080*3,*4 Foundations for Survey of Math (3)

**Level 4**
- MTH 098*2,*3 Elem. Algebra (4)
- MTH 150*4 Survey of Math (3)

**Level 5**
- MTH 104*2,*4 Intermed. Algebra (4)
- MTH 096*2,*3,*5 Algebra for Statistics (3)

**Level 6**
- MTH 135 Intro to Tech Math (4)
- MTH 104*2,*4 Elem. Algebra Lab (1)
- MTH 155 Math Elem. Teachers I (3)

**Level 7**
- MTH 140 Tech Math I (3)
- MTH 164 Intro. To Trig (1)
- MTH 162 Stats for the Soc. Sciences (4)
- MTH 160 Statistics I (3)

**Level 8**
- MTH 141 Tech Math II (3)
- MTH 165*4 College Algebra (3)
- MTH 161 Statistics II (3)

**Level 9**
- MTH 172 Tech Discrete Math (3)
- MTH 175*4 Precalculus (4)
- MTH 200 Applied Calculus (4)

**Level 10**
- MTH 210 Calculus I (4)
- MTH 220 Discrete Math (3)
- MTH 225 Differential Equations (4)
- MTH 230 Linear Algebra (4)
- MTH 211 Calculus II (4)
- MTH 212 Calculus III (4)

**Unless otherwise specified, a grade of C or higher is required to progress to the next math course.**

*1 Student may take any course at placement level or lower level.

*2 Flexible Pace options available.

*3 Imputed Credit Course. Does not count towards a college degree.

*4 Available as an accelerated option; refer to the Accelerated Options Table.

*5 MTH 096 is intended only for students whose terminal math requirement is Statistics.

Department of Mathematics - Revised 09/12/2019
Mathematics Accelerated Options

The options outlined here allow a student to complete more than one course in a semester. These are good choices for motivated students with strong study skills.

### LEARNING COMMUNITIES

<table>
<thead>
<tr>
<th>Course Combination</th>
<th>Credits</th>
<th>Pre-requisite</th>
<th>Meeting</th>
<th>Successful Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRS 080 with MTH 150</td>
<td>TRS: 3 imputed credits, MTH: 3 credits</td>
<td>ENG 101 ready and Math placement level 2 or 3 or TRS 092 C or better</td>
<td>Brighton Campus 6 hours/wk, 2 instructors</td>
<td>Credit for TRS 080 and Credit for MTH 150</td>
</tr>
<tr>
<td>MTH 099 with MTH 104</td>
<td>MTH 099: 1 imputed credit, MTH 104: 4 credits</td>
<td>Math placement level 5 or TRS 094 A or MTH 098 C- or MTH 096 B- or better</td>
<td>Brighton Campus and online 6 hours/wk, 1 instructor</td>
<td>Credit for MTH 099 (equivalent to MTH 098) and Credit for MTH 104</td>
</tr>
<tr>
<td>MTH 104 with MTH 165 (FastTrack)</td>
<td>MTH 104: 4 credits, MTH 165: 3 credits</td>
<td>Math placement level 6 or MTH 098 C or better (same as entry to MTH 104)</td>
<td>Brighton Campus 7 hours/wk, 1 instructor</td>
<td>Credit for MTH 104 and Credit for MTH 165</td>
</tr>
<tr>
<td>MTH 165 with MTH 175 (FastTrack)</td>
<td>MTH 165: 3 credits, MTH 175: 4 credits</td>
<td>Math placement level 8 or MTH 104 C or better (same as entry to MTH 165)</td>
<td>Brighton Campus 7 hours/wk, 1 instructor</td>
<td>Credit for MTH 165 and Credit for MTH 175</td>
</tr>
</tbody>
</table>

To register for the learning communities, students sign up for both courses, with the same section number. For example: TRS-080-BL1 and MTH-150-BL1 or MTH-165-BL5 and MTH-175-BL5.

### FLEXIBLE PACE

**Accelerating with Flexible Pace TRS 092, 094 and MTH 096, 098, 099, 104**

TRS 092, TRS 094, MTH 096, MTH 098, MTH 099, & MTH 104 are offered in the Flex format. In a Flex class, a student who completes the class early can start the next flex course. (It is possible to complete two courses in one semester.) If the student does not complete a flex course, the partial course can carry over to the next semester so they do not have to start over from the beginning. A late start MTH 160 or MTH 165 may be available for a student finishing the prerequisite flex course early in the semester.

For example, a student might finish MTH 098 early in the semester and do most of MTH 104 in that same semester. In the second semester, the student could finish MTH 104 in time to take a late start MTH 165 course.

Another example is that MTH 096 and MTH 098 share 4 modules of content. A student who has taken MTH 096 can take MTH 098 and the test grades for the 4 common modules are imported into MTH 096 (or vice versa).

To register for a face to face flex pace MTH 098 and MTH 104, students must sign up for both a three-hour lecture section (indicated by an F in the section number) and a one-hour conference section (indicated by an M). For example, a student could sign up for MTH 098 F03 along with MTH 098 M11; or MTH 098 CF3 along with MTH 098 CM8. (MTH 096 does not require a conference section.) MTH 098 and 096 can also be taken concurrently.