MACC Placement Guide (Effective SP27 – Revised 9/24/26)

Mathematics

Math Course Placement	ACT Math	SAT Math	Next-Gen Accuplacer (QAS)	Next-Gen Accuplacer (AAF)	HiSET (High School Equivalency)	High School GPA (Unweighted 4.0 Scale)
MTH010 Fundamentals of Math	0-17	200-480	200-229	NA	0-11	0-2.19
BUS152 Business Math/Electronic Calc. **MTH042** Quantitative Reasoning Corequisite **MTH060** Elementary Statistics Corequisite	18-21	490-530	230-254	NA	12-14	2.20-2.99
MTH095 Transitional Algebra	18-21	490-530	230-254	NA	12-14	NA
MTH142 Quantitative Reasoning **MTH160** Elementary Statistics	22-24	540-560	255-300	NA	15+	3.0 or higher
MTH140 College Algebra **MTH150** Precalculus	22-24	540-560	NA	230-262	NA	3.5 or higher and a Grade of B- or higher in High School Algebra II
MTH145 Trigonometry **MTH165** Finite Mathematics **MTH190** Calculus for Business & Life Sciences	25-26	540-560	NA	263-275	NA	NA
MTH201 Analytic Geometry & Calculus I	27+	570+	NA	276+	NA	NA

Math Competency Testing – (MECA):
Students may opt to take a competency exam to attempt a higher math placement. If a student passes a MECA exam, they MAY take the next higher MECA exam. Students must start with the MECA which fits with their current placement, but with consecutive passing results, could take subsequent MECA exams and ultimately be placed in MTH140, MTH142, MTH150, or MTH160. **Each MECA exam may only be taken once.** Results will be communicated to the student by MACC Student Affairs. There is no charge for the MECA.

English

WRITING SKILLS

Course Placement	ACT English	SAT Reading and Writing	Next-Gen Accuplacer Writing	HiSET (High School Equivalency)	LAL101 Placement Exam	High School GPA (Unweighted 4.0 Scale)
LAL053 Academic Literacy (*see below)	0-11	200-310	200-236	0-14	0-9	NA
LAL090 Composition I Corequisite (*see below)	12-17	280-310	237-249	0-14	10-14	2.50-3.24
LAL101 Composition I **BUS150** Business Communication	18+	320+	250+	15+	15-20	3.25 or higher and four years of English with no grades lower than C-

READING SKILLS

Course Placement	ACT Reading	SAT Reading and Writing	Next-Gen Accuplacer Reading	HiSET (High School Equivalency)	LAL101 Placement Exam	High School GPA (Unweighted 4.0 Scale)
LAL053 Academic Literacy (*see below)	0-11	200-310	200-236	0-14	0-9	NA
LAL090 Composition I Corequisite (*see below)	12-17	280-310	237-249	0-14	10-14	2.50-3.24
LAL101 Composition I **BUS150** Business Communication	18+	320+	250+	15+	15-20	3.25 or higher and four years of English with no grades lower than C-

***Composition I Corequisite (LAL090) – 3 credit hours:**

To qualify for enrollment, a student must meet the following requirements:

a) ACT Writing score of 12 or higher **OR** ACT Reading score of 12 or higher **OR**
b) Next-Gen Accuplacer Writing score of 237 or higher **OR** Next-Gen Accuplacer Reading score of 237 or higher **OR**
c) SAT Reading & Writing score of 280 or higher **OR**
d) LAL101 Placement Exam score of 10-14

***Academic Literacy (LAL053) – 3 credit hours:**

To qualify for enrollment, a student must meet the following requirements:

a) ACT Writing score of 11 or lower **WITH** ACT Reading score of 11 or lower **OR**
b) Next-Gen Accuplacer Writing score of 236 or lower **WITH** Next-Gen Accuplacer Reading score of 236 or lower **OR**
c) SAT Reading & Writing score below 280 **OR**
d) LAL101 Placement Exam score of 0-9

***LAL101 Placement Exam:**

*Students may opt for a **one-time LAL101 Placement Exam** to demonstrate the writing and reading skills necessary for LAL101 or equivalent. The exam is a 90-minute timed writing assignment, with a topic selected from a predefined series of options. Exam scores determine course placement; 0-9 places student in LAL053, 10-14 places student in LAL090, and a score of 15 or higher places student in LAL101. Results will be communicated to the student by MACC Student Affairs. There is no charge for the exam.

***Multiple Measure in Reading (MMRE):**

To qualify for enrollment, a student must have writing scores that place them into LAL101, but low reading placement scores and meet the following requirements:

- Graduated with an A+ designation on their high school transcript **OR** 2 of the 4 following measures:
  - Earned a high school GPA of at least 2.5
  - No grade lower than a C- in high school
  - 95% or higher attendance rate during senior year of high school
  - Letter of recommendation from an advisor or employer/supervisor that describes achievements & leadership skills

Math Advising

- **Students must receive a grade of C or higher in any course in the math sequence before they may enroll in the next higher course.**
- **MTH010** - 70% mastery (which is a grade of "C") will be necessary for satisfactory completion of the course. A grade of less than 70% will result in the student being required to repeat the course.
- **MTH042/142** - **How MTH042 and MTH142 are linked:**
    - MTH042 Quantitative Reasoning Corequisite is a pass/fail course where 70% will be considered as a passing grade.
    - Students must remain enrolled in both MTH042 and MTH142 throughout the semester.
    - If the student drops MTH142 Quantitative Reasoning, the student will be dropped from MTH042 Quantitative Reasoning Corequisite.
    - If the student drops MTH042 Quantitative Reasoning Corequisite, the student will be dropped from MTH142 Quantitative Reasoning.
    - If the student passes MTH142 Quantitative Reasoning and fails MTH042 Quantitative Reasoning Corequisite, the student will earn their college math credit and does not need to repeat the MTH042 course.
    - If the student passes MTH042 Quantitative Reasoning Corequisite and fails MTH142 Quantitative Reasoning, the student will not need to repeat MTH042. The student may retake MTH142 Quantitative Reasoning without the corequisite course, MTH042.
- **MTH060/160** - **How MTH060 and MTH160 are linked:**
    - MTH060 Elementary Statistics Corequisite is a pass/fail course where 70% will be considered as a passing grade.
    - Students must remain enrolled in both MTH060 and MTH160 throughout the semester.
    - If the student drops MTH160 Elementary Statistics, the student will be dropped from MTH060 Elementary Statistics Corequisite.
    - If the student drops MTH060 Elementary Statistics Corequisite, the student will be dropped from MTH160 Elementary Statistics.
    - If the student passes MTH160 Elementary Statistics and fails MTH060 Elementary Statistics Corequisite, the student will earn their college math credit and does not need to repeat the MTH060 course.
    - If the student passes MTH060 Elementary Statistics Corequisite and fails MTH160 Elementary Statistics, the student will not need to repeat MTH060. The student may retake MTH160 Elementary Statistics without the corequisite course, MTH060.
- **MTH095** - 70% mastery (which is a grade of "C") will be necessary for satisfactory completion of the course. A grade of less than 70% will result in the student being required to repeat the course.

Optional Math Pathways

- If a student does not place directly into one of the math courses required for their program, below are the optional, Math Pathways based on placement scores or math alternative placement options. A grade of "C" or higher is required in the lower-level math:

MTH140 College Algebra	**MTH142 Quantitative Reasoning**	**MTH145 Trigonometry**	**MTH150 Precalculus**
1. MTH010 → MTH095 → MTH140 2. MTH095 → MTH140	1. MTH010 → MTH042 with MTH142 2. MTH010 → MTH095 → MTH142 3. MTH095 → MTH142 4. MTH160 → MTH142	1. MTH010 → MTH095 → MTH140 → MTH165 2. MTH095 → MTH140 → MTH165 3. MTH140 → MTH165	1. MTH010 → MTH095 → MTH150 2. MTH095 → MTH150
MTH160 Elementary Statistics	**MTH165 Finite Mathematics**	**MTH190 Calculus for Business & Life Sciences**	**MTH201 Calculus**
1. MTH010 → MTH060 with MTH160 2. MTH010 → MTH095 → MTH160 3. MTH095 → MTH160 4. MTH142 → MTH160	1. MTH010 → MTH095 → MTH140 → MTH165 2. MTH010 → MTH095 → MTH150 → MTH165 3. MTH095 → MTH140 → MTH165 4. MTH095 → MTH150 → MTH165 5. MTH140 → MTH165 6. MTH150 → MTH165	1. MTH010 → MTH095 → MTH140 → MTH190 2. MTH010 → MTH095 → MTH150 → MTH190 3. MTH095 → MTH140 → MTH190 4. MTH095 → MTH150 → MTH190 5. MTH140 → MTH190 6. MTH150 → MTH190	1. MTH010 → MTH095 → MTH140 → MTH145 → MTH201 2. MTH010 → MTH095 → MTH150 → MTH201 3. MTH095 → MTH140 → MTH145 → MTH201 4. MTH095 → MTH150 → MTH201 5. MTH140 → MTH145 → MTH201 6. MTH145 → MTH201 7. MTH150 → MTH201

English Advising

- LAL053 - 70% mastery (which is a grade of "C") will be necessary for satisfactory completion of the course. A grade of less than 70% will result in the student being required to repeat the course.

- LAL090/101 – **How LAL090 and LAL101 are linked:**
    - Students must remain enrolled in both LAL090 and LAL101 throughout the semester.
    - If the student drops LAL101 Composition I, the student will be dropped from LAL090 Composition I Corequisite.
    - If the student drops LAL090 Composition I Corequisite, the student will be dropped from LAL101 Composition I.
    - The student cannot just pass LAL090 Composition I Corequisite as a satisfaction of their developmental education requirements.
        - Scenario 1:
            - Student Fails LAL101
            - Student Passes LAL090
            - Result – Student must retake both courses
        - Scenario 2:
            - Student Fails LAL101
            - Student Fails LAL090
            - Result – Student must retake both courses
        - Scenario 3:
            - Student Passes LAL101
            - Student Passes LAL090 with a 70% or higher
            - Result – Student moves on to LAL102
        - Scenario 4:
            - Student Passes LAL101
            - Student Fails LAL090
            - Result – Student moves on to LAL102

- LAL102 - Students may enroll in LAL102 Composition II if they earned a grade of "D" or higher in LAL101 Composition I. However, specific MACC programs (e.g. ADN, AADN, OTA) require students to earn or maintain a grade of "C" or higher in LAL101 Composition I.

Optional English Pathways

- If a student does not place directly into LAL101: Composition I, below are the optional, English Pathways based on placement scores or English alternative placement options:

    1. LAL053 → LAL101
    2. LAL090 with LAL101
    3. LAL102 → LAL101