

## Mathematics Placement Flowchart

Many programs require some mathematics course. For example, the programs in the College of Business require Math 130 – Finite Mathematics and Introductory Calculus. Elementary Education requires Math 201 and 202. The programs in the College of Science, Engineering and Technology may require Math 121 – Calculus or either Math 115 – Precalculus or Math 112 and 113 – College Algebra and Trigonometry. Check the Undergraduate Bulletin to see what mathematics is required for your program. Note that Math 112 and 113 together are an acceptable substitution for Math 115 and is recommended for students who have no background in trigonometry. Now follow the flowchart below to determine where you start your studies in mathematics.

- I. Is your ACT Math Subscore 22 or higher?
  - A. Yes – Proceed to registration for any course in mathematics.
  - B. No – Are you interested in Math 121 – Calculus?
    1. Yes – Take the Accuplacer Tests. Is your Accuplacer College-Level Math Test score 103 or higher?
      - a) Yes – Proceed to registration for Math 121.
      - b) No – Take the DTMS Functions and Graphs Test. Is your score 16 or higher with 6 or higher in trigonometry?
        - i) Yes – Proceed to registration for Math 121.
        - ii) No – Continue to Item II.
    2. No – Continue to Item II.
- II. Is your ACT Math Subscore 20 or higher?
  - A. Yes – You can proceed to registration for Math 115 – Precalculus or Math 130 – Finite Mathematics and Introductory Calculus.
  - B. No – Are you interested in Math 115 or Math 130?
    1. Yes – Take the Accuplacer Tests. Is your Accuplacer College-Level Math Test score 86 or higher?
      - a) Yes – Proceed to registration for Math 115 or 130.
      - b) No – Take the DTMS Algebra and Functions and Graphs Tests. Is your score 19 or higher on Algebra with 6 or higher on Functions and Graphs?
        - i) Yes – Proceed to registration for Math 115 or 130.
        - ii) No – Continue to Item III.
    2. No – Continue to Item III.
- III. Is your ACT Math Subscore 19 or higher?
  - A. Yes – You can proceed to registration for Math 112 – College Algebra, Math 113 – Trigonometry, Math 201 – Elements of Mathematics I, or Stat 154 – Elementary Statistics.
  - B. No – Are you interested in Math 113?
    1. Yes – Take the Accuplacer Tests. Is your Accuplacer College-Level Math Test score 63 or higher?
      - a) Yes – Proceed to registration for Math 113.
      - b) No – Take the DTMS Algebra and Functions and Graphs Tests. Is your score 18 or higher on Algebra with 6 or higher on Functions and Graphs?
        - i) Yes – Proceed to registration for Math 113.
        - ii) No – Continue to Item IV.
    2. No – Take the Accuplacer Tests. Continue to Item IV.
- IV. Is your Accuplacer Elementary Algebra Test score 75.5 or higher and your Accuplacer College-Level Math Test score 49.5 or higher?
  - A. Yes – Proceed to registration for Math 112, Math 201 or Stat 154.
  - B. No – Proceed to registration for Math 098 – Intermediate Algebra.