

## IV. MATH PLACEMENT

- A. Determine the student’s College Math Pathway. Verify with specific program curriculum.
- **Technical Math Pathway:** Typically AAS degrees
  - **Liberal Arts Math Pathway:** Typically AA degrees, Social Science and Nursing Majors
  - **College Algebra Pathway:** Typically AS degrees, Business Majors
  - **Calculus Pathway:** Typically STEM pre-transfer majors
- B. Find the student’s Placement Test and score range
- C. Determine which BCTC course option, from that row or below, best meets the student’s needs based on ability, motivation and College Math Pathway.

ACT (SAT)	KYOTE	COMPASS	Math Placement	Acceleration
MATH $\geq$ 27 (SAT 610)	N/A	Alg $\geq$ 83	MA113 Calculus I MAT170 Applied Calculus	
MATH $\geq$ 23	N/A	Alg $\geq$ 55	MAT160 Pre-Calculus	
MATH $\geq$ 22 (SAT 510)	KALG $\geq$ 14	Alg $\geq$ 50	MAT150 College Algebra	
MATH $\geq$ 19 (SAT 460)	KALG $\geq$ 7 or KMATH $\geq$ 22	Alg $\geq$ 36	MA111 Contemporary Math MAT126, MAT116, MAT110, MAT105	MAT150 + MAT096 (coreq)
MATH $\geq$ 18	KMATH $\geq$ 18	Alg $\geq$ 31	MAT085 ( <i>MAT150 Path</i> )	MAT085/MAT150 (Combo) MAT126 (SI)
	KMATH $\geq$ 15	Alg $\geq$ 25		MA111 + MAT096 (coreq) MAT105 (SI), MAT110 (SI), MAT116 (SI)
	KMATH 12 - 17	Alg 16 - 30 OR Prealg $\geq$ 42	MAT075 ( <i>MA111 Path</i> ) MAT065 ( <i>MAT150 Path</i> ) MAT062 ( <i>Tech Path</i> )	MAT065/MAT085 (Combo) MAT105 + MAT096 (coreq)
,	KMATH 6 - 11	Prealg $\geq$ 24	MAT011 MAT055 ( <i>limited availability</i> )	MAT011 (Emporium, ALL Pathways, any dev math level)
	KMATH $<$ 6	Prealg $<$ 24	Refer to Adult Ed	EdReady Self-Remediation & Retest

### Special Prerequisite Notes:

- MA111, MAT116, MAT110, MAT105 do NOT meet the prerequisites for MAT150.
- MAT062 will ONLY meet the prerequisites for Technical Math Pathway: MAT105, MAT110, MAT116
- MAT011 can meet any or all developmental prerequisites through one or multiple enrollments depending on student progress. KYOTE scores or STEP Credit provided with a passing course grade.

### Math Acceleration Options

Students who wish to accelerate through the developmental math requirements for their College Math Pathway should enroll in one of the following options:

- i. MAT011 Transitional Algebra: Competency-based, flexible-paced, individualized, Emporium developmental math class with acceleration and “roll-over” options.
- ii. “Combo” Courses: Two condensed, streamlined, courses back-to-back; lecture based; meet MTWR; “M” Section Codes
- iii. MAT096 Co-Requisites: College level course paired with MAT096 co-requisite supplemental lab; “A” Section Codes
- iv. Supplemental Instruction (SI): Technical Math students who do not meet college-ready indicators or who do not take the prerequisite course will receive supplemental instruction within the course as determined by BCTC Mathematics & Statistics Division. No special enrollment required.