PRINCIPLE 1

All students, regardless of college readiness, enter directly into mathematics pathways aligned to their program of study.

Defining Mathematics Pathways
- Math faculty recognized the default algebra curriculum was not preparing students for all gateway courses.
- Concerned with a vicious cycle that kept students from progressing towards a degree, faculty decided to make a change.
- Math faculty composed a leadership team with administrators, the registrar, and the head of counseling to create clear math pathways for all degree plans.
- Decisions were communicated with the provosts on satellite campuses to ensure consistent messaging.

Aligning Courses to Programs of Study
- Every major in each program of study is math pathway aligned. The math requirements are programmed into computer-based degree planning software.
- All written and online college publications provide students with clear information at all times.
- All developmental and corequisite content is aligned with gateway course material.
- TVCC reached out to all university partners to coordinate math requirements. Clear math pathways were written into official MOUs to facilitate ease of transfer.

Student Advising
- Open communication keeps advisors informed of updated transfer agreements and aligned programs of study to facilitate accurate advising.
- Advisors meet with all first-time-in-college students to enroll students in math courses aligned to their program of study at TVCC and any transfer institutions.
- Advisors use degree maps, the Charles A. Dana Center Transfer Inventory, and pathways resources to advise students for degree completion and transfer.
- Students always receive consistent information.

Continued Success
- The strong foundation built by the Math Pathways team facilitated a seamless transition to 100% pathway-aligned corequisite implementation in Fall 2018.