

# PRINCIPLE 2

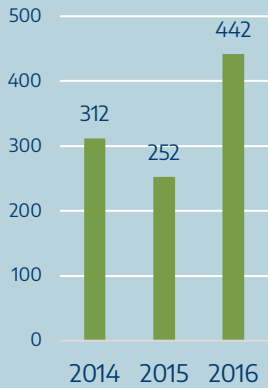
Students complete their first college-level mathematics requirement in their first year of college.

## Temple College

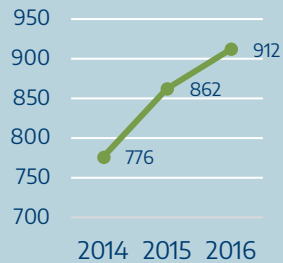
Temple, TX  
www.templejc.edu

### Success Points

#### Math Readiness



#### Students Who Pass First College-Level Math Course



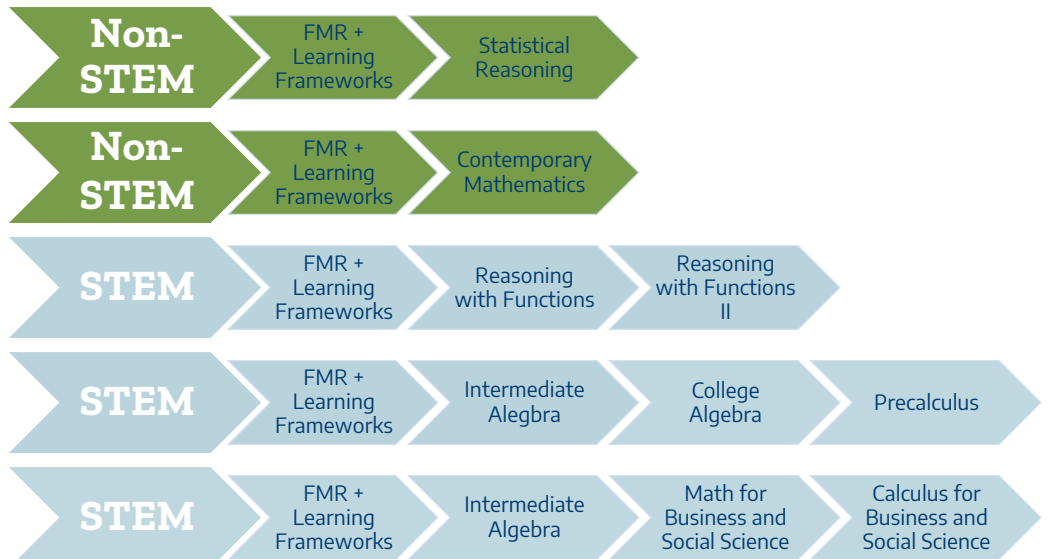
Texas Success Center

### Student Enrollment in Mathematics Pathways

- The accelerated New Mathways Project (NMP) model has replaced the traditional three-semester developmental math model for both STEM and non-STEM students.
- All students in Foundations of Mathematical Reasoning (FMR) are taught with proven research-based pedagogy.
- A majority of students have the option to complete a college-level math course in one year through the NMP model, eight-week courses, or NCBOs.

### Pathways at Temple College

- All students are enrolled in accelerated pathways.
- Non-STEM students have one semester of developmental preparation.
- STEM students have one or two semesters of developmental preparation.



### Measuring Impact

- In Fall 2015, the full-scale implementation of the Foundations of Mathematical Reasoning course showed students were succeeding at the same rate in the accelerated model as in the traditional model.
- In Spring 2016, the first Reasoning with Functions I course (a corequisite Intermediate Algebra and College Algebra course) had a 72% success rate.
- NMP participation is at scale and evidence shows it is sustainable.

### Fall 2015 – Spring 2016 Outcomes

- Non-STEM: 47.4% (37 of 78) earned a college-level credit in one year.
- STEM: 76% (13 of 17) completed the algebra sequence in two semesters.

