

Transition to College Mathematics and Statistics

Approved A-G Course

Funding Available for 59 Schools in 2017

Intent to Offer due March 30, 2017

The Transition to College Math and Statistics (TCMS) class is a fourth-year math class designed to help 12th grade students prepare for college-level math, pass college entrance exams and bypass remedial math courses as freshmen. It has a similar function as the 12th grade Expository Reading and Writing Course (ERWC) in English Language Arts.

Why TCMS? Remedial, non-credit bearing courses pose a **significant barrier to college graduation**. There is a direct correlation between placement into college-level math and degree attainment.

The three-year TCMS pilot in the Northeast Valley has resulted in an increased percentage of TCMS. In 2015-2016, 72% of students required at most one term of remediation, with **44% of TCMS participants placing directly into college level math and 28% requiring only one semester remediation**.

TCMS combines a rich high school quantitative reasoning course with CSUN's Early Start Math (curriculum to create a **verifiable and transferable pathway** to college level math placement.

TCMS Components

1

College-Level Quantitative Reasoning

TCMS utilizes commercially available curriculum to solidify students K-11 skills and practices. The curriculum is identical to CSUN's 1-unit remedial math course.

2

Pathway to College-Level Math Placement

Students complete two final assessments: the ELM at a CSU and the final exam at the LAUSD campus. The two scores are used to determine college math placement.

Who should take TCMS?

- Students who have passed Algebra II with C or better, but scored Level 3 (Met Standard) on SBAC Grade 11 Math test and are not enrolled in another higher-level math course
- Students who scored Level 2 (Nearly Met Standard) on the SBAC Grade 11 Math test

Who should teach TCMS?

- Statistics knowledge
- Facility with mastery- and inquiry-based learning
- Experience working with asynchronous adaptive learning
- Comfortable with social emotional learning concepts like belonging, uncertainty, mindfulness and self-efficacy

Please email the completed form to:
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