

STATWAYSM



THE CARNEGIE FOUNDATION
for the ADVANCEMENT *of* TEACHING



The TCC Statway Team

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What is Statway?

- A National Initiative started in 2010
 - Carnegie Foundation for the Advancement of Teaching
 - 19 first round Colleges across the US including:
 - Tacoma Community College
 - Seattle Central Community College
- Designed to take developmental mathematics students to and through college-level statistics.
 - Learning developmental mathematics in context
 - Focused on statistics, data analysis and quantitative reasoning.

Making Math a Gateway, Not a Gatekeeper

- Breaking down the developmental mathematics barrier that is currently in place.
- Designed for students planning to transfer and continue further studies in humanities or social sciences and other non-STEM majors.

Addressing remedial math challenges on two fronts

- Major curricular changes to focus exclusively on college statistics
- Major pedagogical changes to incorporate collaborative learning and productive persistence at a fundamental level

Strong Success in Early Stages

- TCC Success Data 2011-12

Of students who took a traditional pathway of Algebra I (Elementary), Algebra II (Intermediate) and Statistics, about 40% move successfully through the sequence

Of students taking Statway I and Statway II, over 60% move successfully through.

Of students taking our combined Statway I and II in one quarter, 80% are successful

- National Success Data being compiled by Carnegie (semesters)

In Year 1 (2011-12) and Year 2 (2012-13) 50% of Statway students are completing college level statistics in one year

Comparisons to general student population are challenging (Statway targeted to a very specific student population) but one useful comparison is that only 15% of all CC students starting out in Algebra I complete a college level math course within 2 years.

More Info / Questions ?

- The Carnegie Foundation provides lots of information and resources:
- <http://www.carnegiefoundation.org/statway>