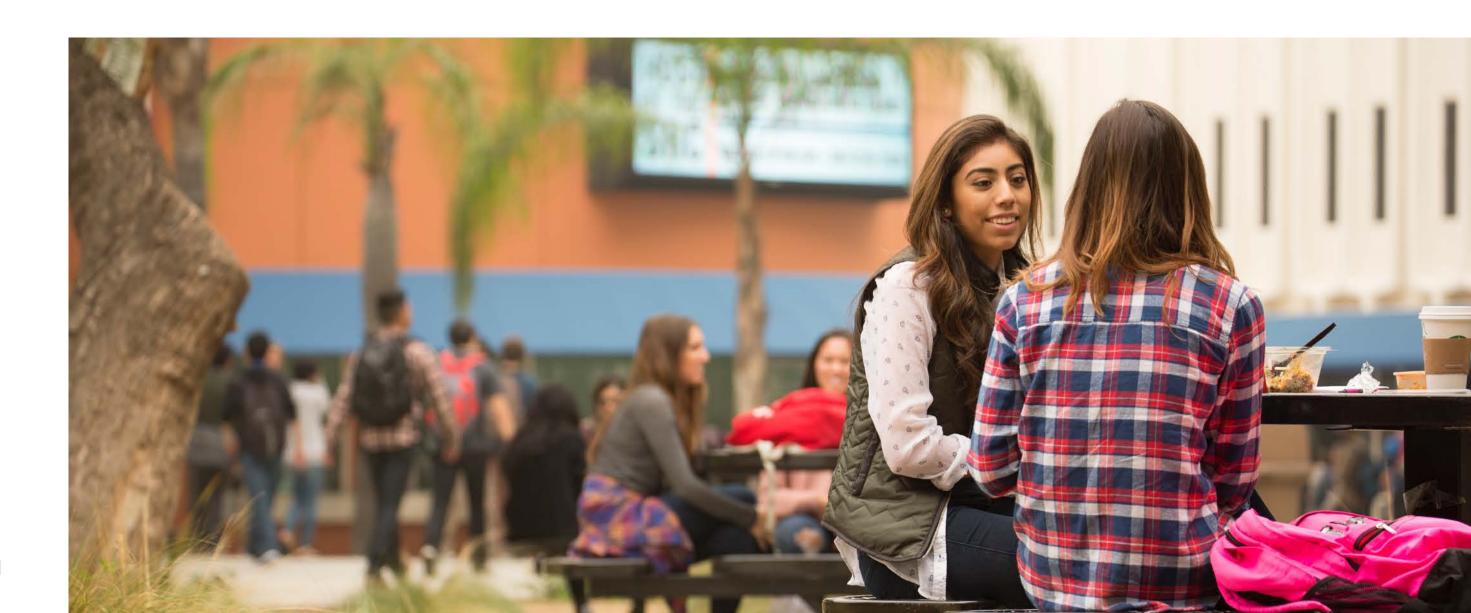
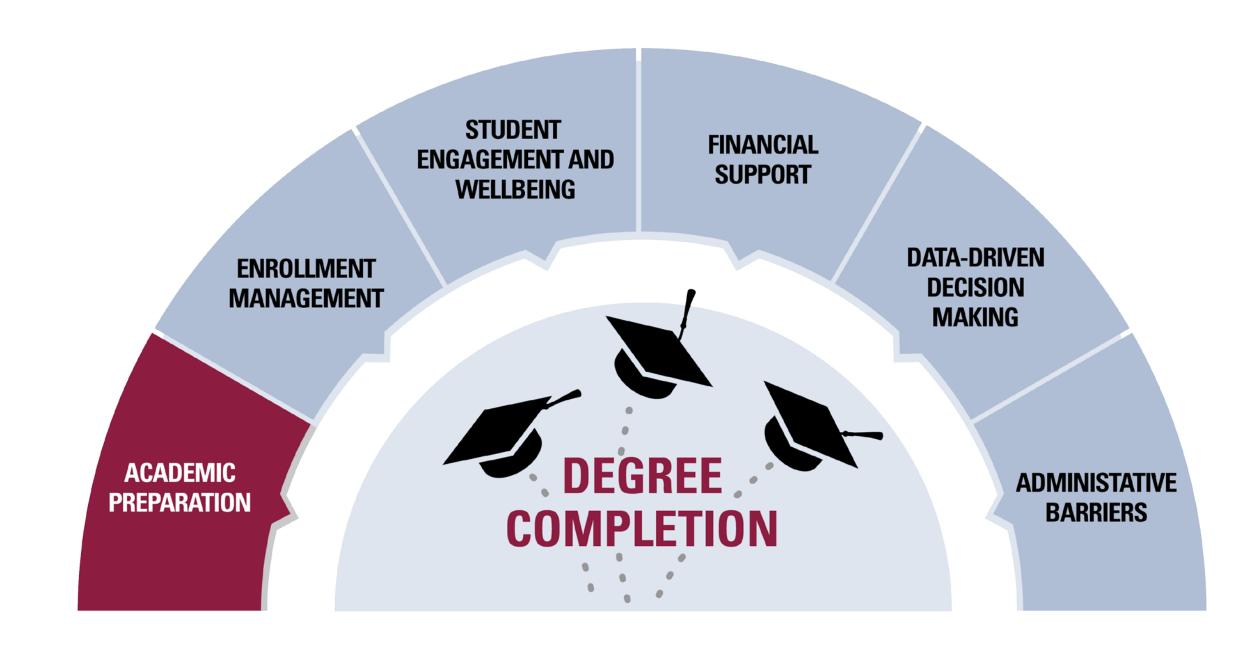
EXECUTIVE ORDER 1110







Academic Preparation Goals established during the March 2017 Board of Trustees meeting

- Promote Four Years of Math/Quantitative Reasoning
- Improve Assessment and Placement
- Strengthen Early Start Program
- Restructure Developmental Education



AB 97 Budget Act

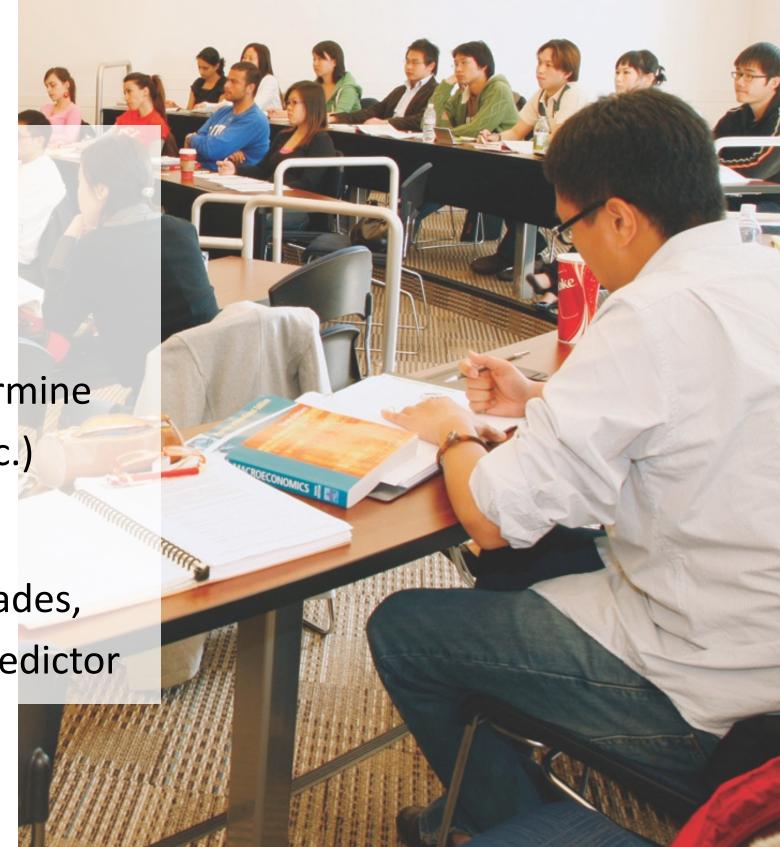
No later than May 1, 2018, the Trustees of the California State University shall change university policies and practices related to placement of students in remedial or developmental programs and activities, including placing significant weight in the determination of placement for first-time freshmen on courses taken in high school and grades in high school courses.

Assessment and Placement

Retires the ELM and EPT

 Retains all other measures used to determine college readiness (SBAC, ACT, SAT, AP, etc.)

Incorporates the use of available H.S. grades,
 g.p.a. and course-taking as a stronger predictor



Strengthening Early Start

 Transition from a 1 unit opportunity to an opportunity to earn college credit on day one

 Allows for 2 units of pre-baccalaureate instruction attached to college-level/GE courses

Requires articulation and systemwide recognition

Retains fee waivers for qualifying students

Change effective summer 2019



Restructuring Developmental Education

Eliminates non credit-bearing pre-requisite courses

 Places students into GE courses and allows 1 unit of pre-baccalaureate instruction for students who need additional academic support

 Requires campuses to offer sufficient number of GE Math/Quantitative Reasoning and Written Communication courses





Additional mentions.....

Academic quality and rigor

• \$10M in support to campuses

On-going Professional Development
 Opportunities

Academic Preparation Workgroup





Resources

- Policy documents
- Faculty and professional development opportunities
- Timeline, compilation of feedback submitted and FAQ
- calstate.edu/academicpreparation



Academic Preparation

The CSU is committed to a new approach to academic preparation in which all students are afforded the opportunity and support needed to complete 30 college-level semester units (or 45 quarter units) before beginning their second academic year. Here you'll find a variety of resources in support of these efforts.



Learn More About Graduation Initiative 2025

To learn more about the CSU's approach to academic preparation, watch the March 2017 Board of Trustees presentation or review the presentation materials.



Policy Changes

Recent policy changes related to academic preparation outline new approaches for assessment, placement, the Early Start Program, and developmental education for lirstyear students.





Professional Development

Learn about opportunities and resources for campus faculty and staff to keep up with the latest thinking about ways to improve academic repearation.





Resources

Explore these articles, research, presentations and websites for a clearer picture of the work being done

Find Resources

calstate.edu/academicpreparation



EO 1100 Revised





Systemwide Consultation

EO 1100 and Mathematics/Quantitative Reasoning Policy Introduced by Assembly Member Holden, Assembly Concurrent Resolution 2016-17 Consultation Timeline No. 158 Relative to Public Postsecondary Education encourages all three higher education segments to expedite efforts to streamline the transfer "The ASCSU GE Task Force is there to address some of these I THE ASCAUGE TASK FORCE IS there to address some or these issues. The distinction being a senate-owned committee (ASCSU) vs. the targeted expertise and ease of access to stakeholders with a GEAC-centered 3/29/16 *CO and ASCSU QRTF Consultation Schedule Beyond ASCSU 9/23/16 through 3/17/17 CO Staff Member: Caro Cardenas EVC Blanchard requests systemwide feedback on QRTF recommendations Planned Consultation Venue and Date 8/12/16 GEAC discussed change to Area B4 definition. During the year, Steven by 2/6/17; ASCSU is included. Test Officer Meeting (11/ Test Officers Filling, Kate Stevenson and GEAC Vice Chair Mark Van Selst led the rining. Nate Stevenson and GEAL VICE Charl Mark van Seist led in discussion and drafting efforts. AVC Mallon invites GEAC to begin 11-17-16 Recruitment proposed language for a revised EO 1100, in response to the QRTF **ELM Faculty Committee** ELM Meeting (12/10) San Diego proposed language for a revised EQ 1100, in response to the QK1P recommendations. She reminds GEAC that Area B4 is not defined in Title 5. EAP Meeting (1/23/17) Bakersfield **EAP Coordinators** 8/16/16 1/24/17 Math Council recommendations, one renimos CEAC mai Area 194 is it Chair Miller was present. GEAC members asserted that EVC Blanchard letter is sent to Chair Miller, advising of Chancellor's Office LA Crowne Plaza (12/8) Eric/Caro Admissions Advisory Council 8/28/17 policy decisions resulting from QRTF recommendations. This includes poucy decisions resuming from Qalf recommendations, 1115 include changes to GE Breadth Area B4 mathematics/quantitative reasoning changes to OE Dicaton Area D4 matternatics quantitative reasoning requirements and the use of multiple measures of demonstrating college Constituent Group Planned Consultation Venue and Date requirements and the use of intumple measures of demonstrating Congre readiness; use of co-requisite and other learner-supportive models; and readiness; use of co-requisite and outer learner-supportive models, and requiring the completion of GE mathematics/quantitative reasoning in the 9/13/16 3/7/17 April Grommo UC BOARS LA Crowne Plaza (12/8) Eric/Card EVC Blanchard memo issued to presidents requesting feedback on how VPs of Student Affairs Final 2016-17 ASCSU Plenary 9/14/16 AS-3291-17/APEP (Rev) Incorporation CO Staff Member Marquita Grenot-Scheyer Force (QRTF) Recommendations in Re 3/10/17 **Constituent Group** 9/14-15/16 5/18-19/17 Presentation to their regular meeting 2/10/17 (tentative Systemwide EO 1100 feedback due. CA Department of Education Need to set up this spring ACSCU committees or plenary. Feed campus, which chose not to respond. 3/14/17 Recipients of CA Math Readiness from 20 of the 22 campuses respondi Challenge Grants (4 campuses) 6/16/17 feedback incorporated responses fro Consulted at their fall meeting 9/23/16-3/17/16 students and administration). Of the **CORE Districts Superintendents** Presentation to their regular meeting 2/10/17 (tentative) campus" feedback, six response for administrators, four from faculty o was from faculty and students. 11/1/16 Draft EO 1100 Revised—feedbac Academic Council Meeting (11/29/16 Executive Committee residents Council of Presidents Meeting (12/6/16) 5/16/17 Draft EO 1100 Revised—feedba 7/17/17 Draft EO 1100 Revised-feedback due from president Draft EO 1100 Revised—feedback due from provosts. 12 www.calstate.edu/app/policies

EO 1100 Revision Scope

1. Clarity

2. Equity

3. Facilitating Degree Completion

1. Clarity

2. Equity

3. Facilitating
Degree
Completion

Specify that UDGE is in Areas B, C and D

	Semester units required for transfer (ADT & full certification)	Semester units required for CSU GE Breadth	Semester units remaining after transfer
Area A	9	9	0
Area B	9	12	3
Area C	9	12	3
Area D	9	12	3
Area E	3	3	0
Totals	39	48	9

1. Clarity

2. Equity

3. Facilitating
Degree
Completion

Removed B4 "Intermediate Algebra"

QRTF Report:

- o 42% of CSU freshmen take non-algebra intensive courses
- Difference between CSU and CCC practices "undermine the principle of equitable access to the CSU"

Range of B4 courses explicitly expanded

QRTF Report: "The Task Force recommends updating this definition to include other kinds of quantitative reasoning."

"Nationally [college algebra requirements] are being replaced by pathways that are tailored to a student's major or career."

www.calstate.edu/app/mathqr

Academic Programs and Faculty Develop

California **Pre-Doctoral Program**

CSU Institute for Teaching and Learning

> **New Program** Development

> > **Program** Modification

> > > **Policies**

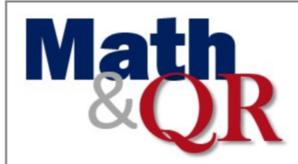
CSU Programs

Accreditation

Analytic Studies

Honorary Degrees





GE Mathematics and Quantitative Reasoning | CSU faculty

education, offering a wide array of courses through which s abstract approaches to problem solving and the practical m data.

⊕ Teaching Resources

Outcomes and Assessments

→ Mathematics/Quantitative Reasoning in Policy

◆ CSU GE Math/Quantitative Reasoning Courses

CSU faculty are innovators in mathematics/quantitative reasoning education, offering courses through which students develop both abstract approaches to problem solving and the practical modeling of real world data.

In CSU Gene CSU baccalaureate-level GE courses include, for example:

reasoning cc Advanced Research Investigations Analytic Geometry and Calculus I, II, III

Calculus I, II, III

mathematics

just practice

but will be a

basic mathe

will be able

through qua

mathematics

Calculus for Business Applications

College Algebra

Computer Science I

Computational Thinking

Elementary Statistics Ethnomathematics

Finite Mathematics

Gambling and Games of Chance

Geographic Information Science and Spatial

Reasoning

Introduction to Statistics for the Health

Sciences

Introductory Biostatistics

Logic and Mathematical Reasoning

Logic and Computing

Math for Games, Simulations and Robotics

Mathematical Ideas

Mathematical Statistics for Nursing

Mathematics and Fine Arts

Mathematics as a Liberal Art Media-Propelled Computational

Thinking

Personal Finance

Philosophy of Mathematics

Precalculus

Quantitative Analysis

Quantitative Methods for Biology

Scientific Computing

Statistical Methods for Research Statistical Principles and Practices

Statistics for Social Sciences

Strategies and Game Design

Survey of Calculus for Management and Life Sciences

Symmetry in the Arts and Sciences

Technical Calculus

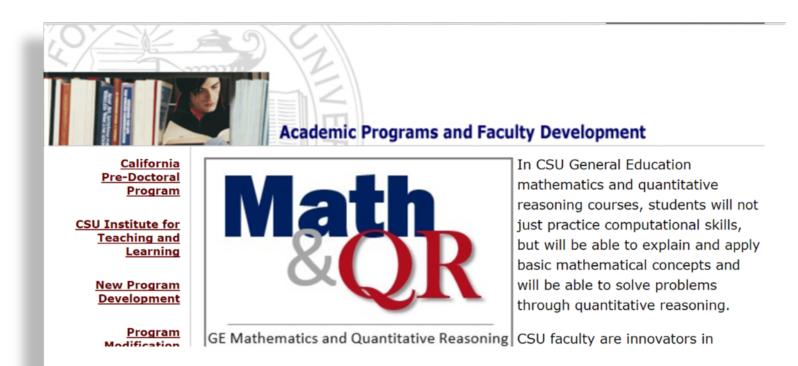
Trigonometry

Trigonometry and Analytic Geometry



More Courses

For more information about CSU General Education Breadth Mathematics and Quantitative Reasoning Requirements, contact:



Mathematics/Quantitative Reasoning in Policy

- EO 1100 Revised 8/23/17 General Education Breadth Requirements
- EO 1100 Math/QR FAQ
- **EO 1110** Assessment of Academic Preparation and Placement in First-Year General Education Written Communication and Mathematics/Quantitative Reasoning Courses

1. Clarity

2. Equity

3. Facilitating
Degree
Completion

Require double counting

• Of major and other courses already approved for GE

1. Clarity

2. Equity

3. Facilitating
Degree
Completion

Multiple purposes at once

Make clear that 48 units is the total minimum and maximum; clarify Area units required.

Cultural Diversity and Ethnic Studies Requirements

Survey feedback

All campuses but one double count cultural diversity requirements with GE requirements.

EO 1100-Revised requires double counting No discipline is excluded.

GE policy 1980-present

No discipline is excluded from CSU GE Breadth.

www.calstate.edu



Resources

www.calstate.edu

calstate.edu/academicpreparation