

THE CALIFORNIA STATE UNIVERSITY
Office of the Chancellor
400 Golden Shore
Long Beach, California 90802-4275

(213) 590-5708

Date: October 15, 1986

To: Presidents

From: William E. Vandament
Provost and Vice Chancellor, Academic Affairs

Subject: Determination of Competence in Entry Level Mathematics — Executive Order No. 498

I am transmitting to you five copies of Executive Order No. 498 which establishes policies and procedures for the development and implementation of entry level mathematics competency programs. It supersedes Executive Order No. 416.

The only change from the superseded Executive Order is the stipulation that, beginning Fall Term 1988, completion of the General Education-Breadth requirement by a transfer student at the level of intermediate algebra will no longer qualify as grounds for exemption from the Entry Level Mathematics (ELM) Examination. Any course taken for this purpose beginning Fall Term 1988 *must be at a level above that of intermediate algebra*. This change is consistent with the introduction of a requirement of three years of college preparatory mathematics for regular admission to the CSU.

Where both this Executive Order and Executive Order 338 discuss entry level competency assessment in mathematics, this Executive Order will take precedence.

The President has the responsibility for implementing this Executive Order and for maintaining the campus repository and index of all Executive Orders.

Please address any questions regarding this Executive Order to the State University Dean, Academic Programs and Policy Studies.

WEV:sf

Attachment

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THE CALIFORNIA STATE UNIVERSITY
Office of the Chancellor
400 Golden Shore
Long Beach, California 90802-4275

Executive Order No.: 498
Title: Determination of Competence in Entry Level Mathematics
Effective Date: October 15, 1986
Supersedes: Executive Order No. 416

This Executive Order is issued pursuant to Title 5, California Administrative Code, Sections 40405.1-40405.4, specifically Sections 40405.1 and 40405.4, and Sections 1 and 2 of Chapter III of the Standing Orders of the Board of Trustees of The California State University.

This Executive Order supersedes Executive Order No. 416, pertaining to mathematics competence to be demonstrated by entering college students. This Executive Order shall be effective for undergraduate students entering under the 1983-84 catalog or bulletin or thereafter.

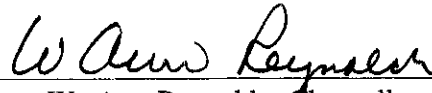
1. Each entering CSU undergraduate student shall demonstrate minimum competence in mathematics by earning a passing score on the CSU Entry Level Mathematics (ELM) Examination except those who qualify for exemption as described below. First-time freshmen can qualify for an exemption on the basis of satisfactory performance on examinations recommended as equivalent by the CSU Entry Level Mathematics Examination Development Committee. These examinations and the required minimum score are described in Addendum A. Transfer students can qualify for an exemption either on the basis of satisfactory performance on an equivalent examination as described above *or* by having completed the General Education-Breadth Quantitative Reasoning Requirement provided it is at the level of intermediate algebra or above with a grade of C or better.

Beginning Fall Term 1988 transfer students must complete the General Education-Breadth Quantitative Reasoning Requirement at a level above that of intermediate algebra with a grade of C or better in order to qualify for exemption from the ELM examination.

2. The Chancellor shall appoint from the mathematics faculty a CSU Entry Level Mathematics Examination Development Committee who shall review and revise the ELM exam at least annually. It shall determine the passing score on the ELM examination which shall be applied uniformly throughout the system. That score and the nature and level of examination exemptions shall be reviewed annually by the same committee.
3. Each student subject to the ELM examination shall be encouraged to take it as soon as possible after being admitted. Campuses, however, shall require the student to do so before the end of the first semester or the first two quarters of enrollment. A student who does not take the examination shall be subject to the provisions of Executive Order No. 393 which authorizes campuses to apply sanctions to students who do not comply with academic policies. Campuses may grant one term exemptions where students can demonstrate that circumstances beyond their control prevented their taking the ELM examination.
4. Campuses shall insure that students who do not demonstrate the requisite competence be required to take timely steps to overcome their deficiencies, culminating in a successful repeat of the ELM examination or a retired form of the CSU ELM examination approved by the ELM Examination Development Committee.

Executive Order No. 498

5. Campuses shall permit entering students to enroll in courses which meet the General Education-Breadth Requirement for Quantitative Reasoning only after they have demonstrated competence in entry level mathematics. Campuses are free to designate other courses for which satisfaction of the entry level math requirement is prerequisite.
6. Campus procedures established under Executive Order No. 338, Section III, dealing with mathematical competence, may continue to be applied to students enrolled before the effective date of this Executive Order.



W. Ann Reynolds, Chancellor

Date: October 15, 1986

Addendum A
Executive Order No. 498

Exemption for satisfactory performance on an alternate examination—students will be exempted from the ELM examination for having performed at or above the level specified below in the following examinations:

Score	Examination
3	Advanced Placement Math (AB or BC)
530	SAT-M
23	ACT Mathematics
520	College Board Math Achievement, Level 1
540	College Board Math Achievement, Level 2

Addendum A
Executive Order No. 498

Exemption for satisfactory performance on an alternate examination—students will be exempted from the ELM examination for having performed at or above the level specified below in the following examinations:

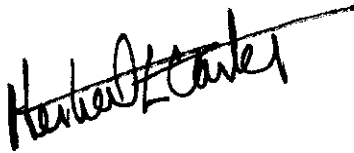
Score	Examination
3	College Board Advanced Placement Mathematics Examination (AB or BC)
530	Scholastic Aptitude Test (SAT)-Math
23	American College Testing (ACT) Mathematics Test
23	ACTE (Enhanced) Mathematics Test
520	College Board Math Achievement Test, Level 1
540	College Board Math Achievement Test, Level 2

THE CALIFORNIA STATE UNIVERSITY
Office of the Chancellor
400 Golden Shore
Long Beach, California 90802-4275
(213) 590- 5728

Date: August 10, 1989

To: Presidents

From: Herbert L. Carter
Executive Vice Chancellor



Subject: Revision of Addendum A to Executive Order 498 - Determination of Competence in Entry Level Mathematics

I am transmitting to you five copies of Executive Order 498, with revised Addendum A, which establishes policies and procedures for the development and implementation of entry level mathematics competency programs. Addendum A lists test scores that are grounds for exemption from the CSU Entry Level Mathematics (ELM) examination.

The American College Testing program (ACT) has modified its admission test. The new version of the ACT, the ACTE (Enhanced), will be administered beginning in October 1989. We are listing in Addendum A as revised the ACTE Mathematics Test score which will provide exemption from the ELM examination. CSU determined the exemption score using the concordance table developed by ACT for both versions of the test. The ACTE Mathematics Test score providing exemption has been determined to be equivalent to the exemption score of the ACT Mathematics Test.

The President has the responsibility for implementing this Executive Order as revised and for maintaining the campus repository and index of all Executive Orders.

Please address any questions regarding this Executive Order to the Assistant Vice Chancellor, Academic Affairs, Educational Support.

HLC/ks

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