



learning skills

Program Description

The Learning Skills Center and the Educational Opportunity Program offer courses, workshops, and individual assistance to students at all university levels. Program areas include composition, reading, study skills, mathematics, English for multilingual speakers, and special services for students with learning disabilities. In addition, internship courses are offered for students who want to tutor at the college level.

Courses numbered Learning Skills (LS) 001 through 049 are precollege level courses. These courses carry workload credit and may be counted only toward establishing full-time enrollment status. Precollege level course units are not applicable to the bachelor's degree. Courses numbered LS 050 through LS 199 carry regular bachelor's degree credits.

LS 039A, LS 039B, LS 070A, and LS 079 are specifically for Educational Opportunity Program students and are taught by Educational Opportunity Program faculty.

Course Repeat Policy

A student may only repeat one time the following Learning Skills Center courses: LS 007A, LS 007B, LS 010A, LS 015, LS 086, LS 087. (These courses may be taken a total of two times; a student enrolling in one of these a third time may be disenrolled.)

See the Sacramento State Repeat Policy.

Faculty

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Contact Information

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Requirements • Placement – Mathematics and English Courses

Incoming freshmen are required to take the English Placement Test (EPT) and/or Entry Level Mathematics Examination (ELM).

Mathematics

The ELM Examination places students into the following ELM equivalency courses. These courses are for students **who are not exempt** from the ELM requirement. Entering freshmen who score 48 or below on the ELM **must** enroll, in their first semester at Sacramento State, in the course which corresponds to their ELM Exam scores. In subsequent semesters they **must** enroll in the next course in the sequence until their GE quantitative reasoning requirement is met.

Entry Level Mathematics (ELM) Equivalency Course Sequence for Students Who are Not Exempt from the ELM Requirement

If you do not have credit for GE Math and are **not** exempt from the Entry Level Math (ELM) test, you must take the ELM test for mathematics course placement. (Exemption equals a score of 550 on SAT or 23 on ACT.) If you place into a preparatory class (pre-GE Area B4), you must enroll in the course in your first semester at Sacramento State and complete the preparatory course sequence within one year.

Updated Entry Level Math Placement Chart

ELM Scores	Course Placement
34 or below	LS 007A and LS 007B (4 units each)
36 to 42	LS 010A (4 units)
44 to 48	LS 010A (4 units) or LS 010I (3 units) for students planning to take MATH 001 for GE area B4 MATH 009 (3 units) and LS 010X* (1 unit) for students planning to take a GE area B4 course other than MATH 001
50 and above	GE Level for Area B4 (ELM equivalency requirement met)

*For students planning to take a GE Area B4 math course other than MATH 001 - Courses in this category are MATH 017, MATH 024, MATH 026A, MATH 026B, MATH 029, MATH 030, MATH 031, MATH 035, STAT 001, STAT 050. (Successful completion of a Diagnostic Exam is a prerequisite.) Contact the Mathematics Department, Brighton Hall 141, (916) 278-6534, for GE math information.

Notes:

- You may elect to retake the ELM Test.
- You are not required to retake the ELM Test after completion of the course sequence.

English

The EPT places students into their English courses. If you are multilingual, your EPT will be evaluated to see if you could benefit from a writing course specially designed to meet your needs. Entering freshmen who score 150 or below must enroll in their first semester at Sacramento State in the course which corresponds to their EPT score. In subsequent semesters they must enroll in the next course in the sequence until ENGL 001A or ENGL 002 (for multilingual speakers) is completed.

EPT Scores	Course Placement	Multilingual Course
120-141	LS 015 and ENGL 001	LS 086 and LS 087
142-146	ENGL 001	LS 087
147-148	ENGL 001A and 001X or ENGL 001	ENGL 002 and ENGL 002X or LS 087
149 and above	ENGL 001A	ENGL 002

* If EPT score is 149-150, must pass ENGL 1A or ENGL 2 (for multilingual students with at least a "C-" within the first year or enrollment.

- The EDT places upper division multilingual students into the Graduation Writing Assessment Requirement (GWAR) sequence, LS 086 and ENGL 109E.

Lower Division Courses

Courses for Workload Credit Only

Courses numbered LS 001 through 049 are basic skills courses. These courses carry workload credit and may be counted only toward establishing full-time enrollment status. Basic skills course units are not applicable to the bachelor's degree. Courses numbered LS 050 through LS 199 carry regular bachelor's degree credits.

LS 005. Reading and Vocabulary Development. Individual and small-group instruction to improve basic reading and study skills. Includes reading comprehension, reading rate improvement, text processing techniques and vocabulary expansion. **Note:** May be repeated. Graded Credit/No Credit. 2 units.

LS 006. Language Development — Multilingual Students. Small-group tutorials for students whose first language is not English. Topics depend on student needs. **Note:** May be repeated. Graded Credit/No Credit. 1 unit.

LS 006A. Oral Skills for Multilingual Students. Small-group instruction in English oral skills for students whose first language is not English. **Note:** May be repeated. Graded Credit/No Credit. 2 units.

LS 006B. Writing Skills for Multilingual Students. Small-group instruction in writing skills, including Writing Proficiency Exam preparation for students whose first language is not English. **Note:** May be repeated. Graded Credit/No Credit. 1 unit.

LS 007A. Making Sense of Algebra. Review of fundamental mathematics concepts, measurement geometry, and beginning algebra. **Prerequisite:** Score of 34 or below on the ELM Test. Graded Credit/No Credit. 4 units.

LS 007B. Making Sense of Algebra. Review of beginning algebra, algebra topics, and measurement geometry. **Prerequisite:** LS 007A. Graded Credit/No Credit. 4 units.

LS 008A. Individualized Algebra. First in a three course sequence to prepare students for Math 001. Delivered at a slower pace than other preparatory math courses. Upon completion of the three course sequence, students must enroll in MATH 001. **Prerequisite:** Instructor permission and pre-algebra competency. Graded Credit/No Credit. 2 units.

LS 008B. Individualized Algebra. Second in a three course sequence to prepare students for Math 001. A continuation of topics in LS 008A. Delivered at a slower pace than other preparatory math courses. Upon completion of the three course sequence, students must enroll in MATH 001. **Prerequisite:** Instructor permission and pre-algebra competency. Graded Credit/No Credit. 2 units.

LS 008C. Individualized Algebra. Last in a three course sequence designed to prepare students for Math 001. A continuation of topics addressed in LS 008B. Delivered at a slower pace than other preparatory math courses. Upon completion of the three course sequence, students must enroll in MATH 001. **Prerequisite:** Instructor permission and pre-algebra competency. Graded Credit/No Credit. 2 units.

LS 009. Computer Tutorial. Provides students with basic IBM and Macintosh computer literacy, keyboard familiarity and fundamentals of word processing, as well as an introduction to appropriate specialized hardware and software. Small group or individualized instruction based on individual need. Enables students to access computers independently. **Prerequisite:** Instructor permission. Graded Credit/No Credit. 1 unit.

LS 010A. Elementary Algebra with Geometry. Review of fundamental mathematical concepts, basic measurement geometry and beginning algebra. Instruction provided through lecture or structured tutorial format. **Note:** May utilize computers. **Prerequisite:** Score of 36-42 on the ELM Test. Graded Credit/No Credit. 4 units.

LS 010I. ELM Self-Paced Course. Review of elementary algebra and measurement geometry through a program of independent study. **Prerequisite:** Score of 44-48 on the ELM. Graded Credit/No Credit. 3 units.

LS 010X. Geometry Adjunct to Math 9. Review of measurement geometry and tutorial support for students concurrently enrolled in Math 9. **Prerequisite:** Score of 44-48 on the ELM. **Corequisite:** MATH 9. Graded Credit/No Credit. 1 unit.

LS 015. College Language Skills. Instruction in reading and writing skills. Focuses on the interrelationship of reading and writing, with emphasis on development, organization, and clarity of communication. Lecture three hours; lab two hours. **Note:** Utilizes computers. **Prerequisite:** Score of 120-141 on the English Placement Test. Graded Credit/No Credit. 4 units.

LS 039A. Special Problems for EOP Students. Individually directed projects or tutorial instruction in a skill development area or in any subject matter to develop a specific academic skill (i.e., essay writing). **Prerequisite:** Instructor permission. Graded Credit/No Credit. 1-3 units.

LS 039B. Group Tutorial in Special Problems for EOP Students. Group instruction in basic skills development and general education content areas. Various topics offered and groups created based upon student interest and as required by the EOP Learning Communities Program. **Prerequisite:** Instructor permission. Graded Credit/No Credit. 1-3 units.

Courses Applicable to the Bachelor's Degree

LS 050. Academic Strategies for College Study. Study of the use of campus resources, effective study techniques, and successful test-taking strategies to promote academic success. Topics include time management, learning styles, text processing and critical reading, listening and note-taking, library research, taking exams, and improving memory. **Corequisite:** Enrollment in LS 015. Graded Credit/No Credit. 3 units.

LS 050M. Academic Strategies for College Study for Multilingual Students. Study of the use of campus resources, effective study techniques, and successful test-taking strategies to promote academic success for multilingual students. Topics include time management, learning styles, text processing and critical reading, listening and note taking, library research, taking exams, and improving memory. **Corequisite:** Enrollment in LS 086. Graded Credit/No Credit. 3 units.

LS 051. Orientation to College Study. Study of the use of campus resources, effective study techniques, and successful test-taking strategies. Topics include time management, note taking, reading and vocabulary development, and exam preparation. **Corequisite:** Enrollment in LS 015. Graded Credit/No Credit. 1 unit.

LS 051M. Orientation to College Study for Multilingual Students. Study of the use of campus resources, effective study techniques, and successful test-taking strategies for multilingual students. Topics include time management, note taking, reading and vocabulary development, and exam preparation. **Corequisite:** Enrollment in LS 086. Graded Credit/No Credit. 1 unit.

LS 055. Academic Strategies Adjuncts. Study skills adjuncts for selected General Education courses. Effective learning strategies for the academic course in which the student is concurrently enrolled. **Note:** May be repeated for credit provided the adjunct topic area is not repeated. **Corequisite:** Enrollment in the academic course. Graded Credit/No Credit. 1 unit.

LS 060. Reading for Speed and Efficiency. Strategies and techniques to promote greater reading efficiency and flexibility and increase reading speed. Drills to develop rate and comprehension as well as supplementary practice in the LSC reading lab. **Note:** Utilizes computers. Graded Credit/No Credit. 1 unit.

LS 060M. Reading for Speed and Efficiency — Multilingual Students. Strategies and techniques to promote greater reading efficiency and flexibility as well as to increase reading speed for college-level multilingual readers. Classroom instruction includes drills to develop rate and comprehension as well as supplementary practice in the LSC reading lab. **Note:** Utilizes computers. Graded Credit/No Credit. 1 unit.

LS 064. Preparation for Professional Examinations. Test taking strategies, critical thinking skills, and specific skills in reading comprehension, writing, and math needed for professional tests. Preparation for the following tests: GRE Verbal, GRE Math, CBEST Reading, CBEST Writing, CBEST Math, MCAT. **Note:** May be repeated for up to 3 units of credit provided course topic is not repeated. Graded Credit/No Credit. 1 unit.

LS 064G. Prep - CSET I. Test taking strategies, critical thinking skills, and specific skills in reading comprehension, writing, and math needed for professional tests. Preparation for the following tests: GRE Verbal, GRE Math, CBEST Reading, CBEST Writing, CBEST Math, MCAT, CSET Multiple Subjects I, II, and III. Graded Credit/No Credit. 3 units.

LS 064H. Prep - CSET II. Test taking strategies, critical thinking skills, and specific skills in reading comprehension, writing, and math needed for professional tests. Preparation for the following tests: GRE Verbal, GRE Math, CBEST Reading, CBEST Writing, CBEST Math, MCAT, CSET Multiple Subjects I, II, and III. Graded Credit/No Credit. 3 units.

LS 064I. Prep - CSET III. Test taking strategies, critical thinking skills, and specific skills in reading comprehension, writing, and math needed for professional tests. Preparation for the following tests: GRE Verbal, GRE Math, CBEST Reading, CBEST Writing, CBEST Math, MCAT, CSET Multiple Subjects I, II, and III. Graded Credit/No Credit. 3 units.

LS 079. Advanced Independent Study for EOP Students. Advanced work to enhance the critical thinking, evaluative, and interpretive skills of students in their college course writing. Special attention to literary development and the production of scholarly work. **Prerequisite:** Instructor permission. Graded Credit/No Credit. 1-3 units.

LS 085. Grammar for Multilingual Writers. Covers the major systems of English grammar in the context of reading passages and the students' own writing. Practice in editing authentic writing. **Prerequisite:** Placement of LS 086 or LS 087 on the English Diagnostic Test. **Corequisite:** LS 086, LS 087, or a course that requires considerable writing. Graded Credit/No Credit. 2 units.

LS 086. College Language Skills for Multilingual Students. Focuses on the interrelationship of reading and writing, with emphasis on development, organization, grammar, and clarity of communication. Lecture three hours; lab two hours. **Note:** Utilizes computers. **Prerequisite:** Score of 120-141 on the English Placement Test or score of 2 or 3 on the English Diagnostic Test. Graded Credit/No Credit. 4 units.

LS 087. Basic Writing Skills for Multilingual Students. Emphasizes writing and language development. Instruction in reading and essay writing, from idea generation to revision and editing. **Prerequisite:** Score of 142-146 on English Placement Test or score of 4 on English Diagnostic Test, or credit in LS 086. Graded Credit/No Credit. 3 units.

Upper Division Courses

LS 195A. Learning Skills Tutoring Internship. Practical application of learning through the tutoring of students. **Prerequisite:** Instructor permission. Graded Credit/No Credit. 3 units.

LS 196. Experimental Offerings in Learning Skills. Topics related to the improvement of tutoring skills. Not offered every semester. 1-3 units.

LS 199. Special Problems. Individual projects or directed study. **Note:** Requires approval of faculty member and Department Chair. Graded Credit/No Credit. 1-3 units.