

Adopted: April 10, 2001

**ACADEMIC SENATE
Of
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, CA**

**AS-562-01/IC
RESOLUTION TO UPDATE THE
CAMPUS ADMINISTRATIVE MANUAL SENIOR PROJECT SECTION**

- 1 WHEREAS The Campus Administrative Manual (CAM) Senior Project section 412.2 was last
2 updated in April 1982; and
3
4 WHEREAS The vagueness of the current CAM Senior Project section contributes, by its lack
5 of guidance, to the continuing problem of students who do not understand how to
6 complete the senior project in a timely fashion; therefore, be it
7
8 RESOLVED That Cal Poly adopt the attached, more specific senior project guidelines as a
9 revision of CAM Senior Project section 412.2.

Proposed by: Academic Senate Instruction Committee
Date: November 20, 2000
Revised: January 30, 2001
Revised: April 10, 2001

211.4 **Guidelines** for Senior Project

211.41 Definition

The Senior Project at the California Polytechnic State University, San Luis Obispo is a formal report of the results of a study or experiment selected and completed under faculty supervision by each student prior to the receipt of the bachelor's degree. The types of problems which form the bases of the study or experiment are directly related to the student's fields of employment or intended employment. The senior project is a capstone experience required for all Cal Poly students receiving a baccalaureate degree. It integrates theory and application from across the student's undergraduate educational experiences. The senior project consists of one or more of the following; (1) a design or construction experience, (2) an experiment, (3) a self-guided study or research project, (4) a presentation, (5) a report based on internship, co-op, or service learning experience, (6) a public portfolio display or performance. Where the senior project does not consist primarily of a written document, departments may, where they deem appropriate, require some written documentation (length to be determined by the department) to accompany the senior project. The precise nature or form of a senior project is to be determined by the department or program of the student's major. The senior project is normally related to the student's field of study, future employment, and/or scholastic goals, and is carried out under direct faculty supervision. The precise nature or form of a senior project is to be determined by the department or program of the student's major. ~~The senior project is normally related to the student's field of study, future employment, and/or scholastic goals, and is carried out under direct faculty supervision.~~

repeated sentences removed

211.42 Expected Outcomes (AT THE DISCRETION OF THE DEPARTMENT)

1. Ability to reduce a general problem to specific points of analysis Ability to reduce a topic to specific points of analysis
2. Ability to organize points of analysis into a logical sequence Ability to organize the points of analysis into a logical sequence
3. Ability to estimate hours of labor and cost of materials necessary to complete a project Ability to apply acquired competencies to the successful completion of a project

Ability to apply competencies acquired in other courses to the successful completion of a specific project.

Ability to obtain information necessary to the solution of a problem by library study, experimentation and/or correspondence and personal contact with people who have had experience in the field

4. Ability to obtain, evaluate, synthesize, and apply project-related information
Ability to follow a work outline without overlooking any major points or significant details
5. Ability to develop and follow a project plan
Recognition of the fact that completion of a project on schedule is an essential element of successful work
6. Ability to estimate hours of labor and/or cost of materials necessary to complete a project
Ability to organize, illustrate, and write clear, concise, and correct report of the investigation
7. Ability to organize, illustrate, and write clear and concise project documentation
Ability to work for a supervisor who desires quality performance with a minimum of supervision
8. Ability to accept supervision when needed

211.43 **Requirements**

Every student must complete satisfactorily the Senior Project prior to the receipt of the bachelor's degree.

1. The total number of senior project units must be 1 to 6 quarter units.
The number of quarter units of credit for Senior Project must be within the range of 2 to 4.
2. The senior project requirements would WILL be the same for all students in a given curriculum, but not for all students in the university, because of the nature of the various curricula.
The specific number of units required would be the same for all students in a given curriculum, but not for all students in the university, because of the nature of the various curricula.
3. Normally 3.0 hours of student work will be required for each unit of credit granted.
A minimum of 30 hours of student work will be required for each unit of credit granted.

