Academy History

The California Maritime Academy is a four-year postsecondary institution offering accredited degree programs in five fields: marine transportation, marine engineering technology, mechanical engineering, facilities engineering, and business administration. The global studies and maritime affairs program is planned to start in fall 2003. Established in 1929 by the California Legislature as the California Nautical School, the academy was initially operated under the direction of the State Department of Education and offered three-year vocational programs leading to licensure of its graduates as merchant marine officers. Since 1940, graduates who passed their maritime license examinations have also been awarded bachelor of science degrees.

In 1972, the legislature enacted legislation making California Maritime Academy an independent postsecondary institution. In 1977, the academy was first accredited by the Western Association of Schools and Colleges as a four-year degree institution and is now also recognized by the Accreditation Board for Engineering and Technology. Maritime license programs are in compliance with international maritime training standards and have been approved by the U.S. Coast Guard. Effective July 1995, the academy became the 22nd campus of the California State University as enacted by legislation.

Most campus facilities were constructed between 1942 and 1977. A more recent era of facility improvements began in 1997, when a new 300-foot concrete pier was completed. In 1999, three major projects were completed: the utility infrastructure, an extensive seismic upgrade to retrofit select buildings and stabilize the shoreline, and a new laboratory building. In May 2002, the CSU Board of Trustees approved the academy's first campus master plan. This plan projects the net addition of over 100,000 square feet of facilities by 2011. Notable projects envisioned are a new simulation center, a marine programs building, a physical education/natatorium facility, and a library addition.

As a specialized campus of the California State University, the mission of the institution stresses intellectual learning, applied technology, leadership development, and global awareness. The projects included in the capital outlay program are designed to assure that the academy's unique educational experience continues to be offered in quality facilities, adequate for the increasing enrollment expected in the coming decade.

The academy's 81-acre campus is located on the Carquinez Strait at the northeast end of the San Francisco Bay. With a half-mile of waterfront and over 265,000 square feet of facilities, this institution houses over 800 students and staff. The Golden Bear, a 500-foot training ship moored at a 300-foot pier in the strait, conducts two back-to-back 60-day student training cruises each year within the Pacific Rim. These training cruises are part of the regular curriculum as prescribed by international standards and the U.S. Coast Guard. Students from other CSU campuses also participate in the training cruises, which offer unique teaching and research opportunities in fields as varied as engineering, marine biology, and social science.
California Maritime Academy  Master Plan Enrollment: 1,100 FTE

Master Plan approved by the Board of Trustees: May 2002

1. Administration (Public Safety)
2. Classroom Building
3. Faculty Offices
4. Radar Lab
5. Library
6. Engineering Building
7. Steam Plant Simulator
8. Classroom Modular #1
9. Receiving
10. Physical Plant
11. Seamanship Building
12. Pier
13. Auditorium
14. Gymnasium
15. Student Center
16. Galley
17. Residence Hall “A”
18. Residence Hall “B”
19. Residence Hall “C”
20. Residence Hall
21. The Charlotte Felton House
22. President’s Residence
23. Staff Housing 3
24. Staff Housing 4
25. Staff Housing 5
26. Field House
27. Storage-Plant Operations
28. Admissions Modular
29. Auto Shop
30. Classroom Modular #2
31. Security Modular
32. Shoreside Boiler
33. Laboratory Building
34. Mini Park
35. Athletic Field
36. Tennis Courts
37. Naval Science Modular
38. CME Modular (EOC)
39. Physical Education/Natatorium
40. Student Center Addition
41. Simulation Center
42. Engineering Addition
43. Career Center Modular
44. Administration (Public Safety)
45. Book Store Modular
46. Faculty Office Modular
47. Classroom Modular
48. Trades Shop Modular
49. Marine Programs
50. Security
51. Receiving
52. Continuing Maritime Education
53. President’s Residence
54. Residential Village
55. Residence Hall “D”
56. Student Support
57. Library Addition
58. Academic Building

LEGEND
Existing Facility / Proposed Facility

Note: Building numbers correspond with building numbers in the Space and Facilities Data Base (SFDB)
## Maritime Academy

### State Funded Summary

<table>
<thead>
<tr>
<th>Category</th>
<th>2003/04</th>
<th>2004/05</th>
<th>2005/06</th>
<th>2006/07</th>
<th>2007/08</th>
<th>Funded Completes</th>
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## Maritime Academy State Funded

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## Nonstate Funded

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All out year projects require review and comparison to the CSU cost guide.

A = Acquisition  P = Preliminary Plans  W = Working Drawings  C = Construction  E = Equipment

Nonstate CAT codes: Aux = Auxiliary/Foundation  Hou = Housing  Oth = Other  Pkg = Parking  Stu = Student Union
Projects in Budget Year

**Land Acquisition**  
A $1,301,000  
This project will acquire 6.0+ acres of vacant land immediately adjacent and north of the campus for use as future building sites and for the development of a formal campus entrance. The trustees approved the initial master plan for the campus in May 2002.

**Simulation Center**  
PWC $4,413,000  
This project will renovate plant operations/receiving buildings (#9, #10) and construct a 2,200 ASF/2,900 GSF addition, consolidating the location of eight simulators with their related debriefing facilities. The plant operations function will move to a facility, near building #27, donated from the Coast Guard. The marine transportation curriculum needs to be supported by computer-based simulation laboratories where real ship situations can be replicated with contemporary equipment, i.e., ship simulations, team building, basic ship maneuvering, engine room operations, radar competencies, and large system operations. The renovation/addition will provide an increase of 92 FTE in UD laboratory space.

Future Projects (2004/05–2007/08)

**Marine Programs Building**  
This project will construct a 12,000 GSF two-story building (#49) to house the general programmatic needs for naval science and maritime operations. It will provide administrative space and 60 FTE in UD laboratory space.

**Physical Education and Natatorium**  
This project will replace the existing gymnasium (#14) and natatorium that were constructed in 1944 and 1947, respectively, with a 33,000 GSF facility (#39). The existing gymnasium and pool are inadequate for physical education classes.

**Administration/Student Services Replacement Building**  
This project will build a 10,600 GSF facility to replace the existing administration building (#1) that was built in 1957 and the conference room addition that was built in 1976. With the increase in student population and the expansion of the academic program, additional space for student services and administrative functions is necessary. These services have been located around the campus on a space-available basis. The project will consolidate those functions to provide more efficient services for the student population.
Nonstate Funded Capital Outlay Program

Projects in Budget Year
None

Future Projects (2004/05-2007/08)

Student Center
This project will build a 34,000 ASF addition (#40) west of the current Student Center (#15) with recreational and food services. Funding will be from student union reserves and a future bond sale supported by student union fees. Proceeding with this project is dependent upon a viable financial plan.
# Maritime Academy

## State Funded

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<tr>
<th>Project</th>
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## Nonstate Funded

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</tbody>
</table>

**Notes:**
- A = Acquisition
- P = Preliminary Plans
- W = Working Drawings
- C = Construction
- E = Equipment
- w = Small "w" required for ADA, code compliance, plan check, etc.