It is said that architecture is destiny and the spaces we inhabit have a strong influence over the interactions that occur within. The new Computer Science and Engineering building at the Jacobs School is designed to create a sense of community among the department’s faculty, staff, students and visitors. Its facilities will enhance the department’s educational programs focused on training leaders and innovators of the next generation. The building will house sizable laboratories dedicated to undergraduate instruction as well as research facilities designed for ultimate flexibility so faculty and researchers can easily take advantage of opportunities to work on the technologies of the future. The building will provide accommodations for visiting researchers and scientists, reflecting CSE’s commitment to the development of strong partnerships with industry and other academic institutions.

The building will also be the new home of the Earl Warren College Administrative Complex. One of UCSD’s six undergraduate colleges, Warren’s diverse student body includes more than 4,000 students.

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(858) 822-4463
• Space to accommodate the Computer Science and Engineering Department’s growth to steady-state size of 66 faculty and more than 1800 undergraduate and 400 graduate students

• Over 150 individual offices as well as 11 conference rooms and a 100 person lecture hall equipped with state-of-the-art audio-visual and conferencing equipment

• 7 undergraduate instructional computing labs, comprising almost 12,000 square feet, with ample space for students to work on assignments and for consultations with faculty, TA’s and tutors

• Research and graduate labs designed with livability, flexibility and egalitarianism in mind. The labs will be equipped to advance technologies of the future in the areas of:
  ~ Bioinformatics
  ~ Computer Vision and Graphics
  ~ Embedded Systems
  ~ Mobile Computing and Networking
  ~ Data and Knowledge Systems
  ~ Adaptive Algorithms
  ~ Software Engineering

• Steel frame construction that is permeable to wireless communication frequencies

• Building infrastructure to handle current networking technologies as well as the capacity to accommodate future technological developments

• Plans include video cameras and flat panel displays installed in the informal meeting spaces to facilitate spontaneous discussions.

• Tasteful colors, natural wood accents, and occasional curved features to counter the stark, hi-tech image often projected onto computer scientists and engineers

• Gathering spaces in the outdoor courtyard where individuals or small groups can sit and relax, talk, connect to the Internet or enjoy a coffee break

Entrances from Warren Mall and the academic courtyard have been aligned and faced with glass to allow visitors to literally “see through” the center of the building. This feature, combined with a transparent canopy and skylights, will create a glowing column of light when illuminated in the evening.

The Computer Science and Engineering Building will also serve as the new home of the Earl Warren College Administrative Complex, including the Office of the Provost. This rendering shows the entrance to Warren College on the west side of the building.

"Interaction spaces“ for scholarly activity have been situated throughout the building on each floor to encourage students, faculty and researchers to drop in to discuss classroom topics, share research ideas or for casual conversations.