

Facilities Planning, Design and Construction

As stewards of the built environment, we serve to develop and maintain a living, learning, and working environment where students, faculty and staff can thrive and contribute to our global society.

Facilities Planning, Design and Construction Assessment UPDATE

Implications for Practice:

1. Additional financial and human resources will be required for physical campus growth to keep pace with anticipated enrollment growth.
2. Further study is needed to determine the cause of variation in project delivery time (factors include regulatory burden, scope, weather, funding, bidding climate, etc.)
3. Assessment did not consider impacts of alternative instructional delivery methods (on-line instruction) on the need for campus space.

Study Follow-up:

1. **Additional Financial and Human Resources:**
The department continues to develop strategies to document and mitigate the ever-raising costs of capital projects and the human resources needed to manage and maintain the campus-built environment. We continue to assess existing facilities for repurposing and the construction of new facilities in the most cost efficient manner. This includes collaborating with our CSU partners in updating CSU space standards and cost guides to be reflective of current successful academic pedagogy that enhances the faculty/student educational experience. The Inland Empire is the fastest growing region in the nation; the department and campus will need to continue to advocate for campus enrollment growth while providing the needed facilities for impacted programs; such as Nursing, Chemistry, Kinesiology, Biology and Mathematics. The department will ensure that this topic is successfully addressed in the CNS Interdisciplinary Science Lab Building feasibility study.
2. **Project Delivery Time Frames:**
Upon further review using the planning phase completion date schedule as a metrics in this assessment is not applicable as the project delivery time is relevant to the campus scheduled occupancy of the project. Therefore, all projects included in this assessment were delivered on time as related to the campus academic schedule. The department will continue to assess planned delivery schedules versus the constraints of regulatory, weather and other factors which our not within our control. We have developed a project data base which compares similar projects timelines versus costs, using this information in the development of future projects will greatly assist in developing effective project schedules. We have also worked to develop feasibility studies that can be adjusted to current costs and programmatic needs as the campus needs evolve.
3. **Alternative Instructional Delivery Methods:**
While this assessment did not include this potential educational strategy, the current pandemic situation has provided a look into alternatives for future assessment. What has been made clear through this experience is there is a critical need for on campus learning experiences, as related to “hands on” curriculum, the sharing of ideas and the overall education experience.

