PRESENTATION ITEMS

1. Science Building Project Update
2. Portable Classrooms
1. SCIENCE BUILDING PROJECT UPDATE
THE ELEMENTS OF YOUR PROJECT

SOLANO COMMUNITY COLLEGE DISTRICT

SCIENCE BUILDING

MEASURE Q STEERING COMMITTEE – MAY 20, 2015
SCIENCE BUILDING CRITICAL SUCCESS FACTORS (CSF)

PURPOSE:
Serve as primary guidelines to effective decision-making and project design focus throughout the project by the entire Project Core Team.

Project user group input:
- Sustainability: both building & operations
- Student Study Space “Bird room”
- Science Activity Center - tutoring for science learning
- Durable/built to last
- Work stations/offices for instructors and techs; classrooms proximity to science storage
- Good storage that is flexible in size; faculty gathering area
- Consolidated location for veteran students
- Technology infrastructure for future
- Community outreach opportunity – spaces & rooms
SCIENCE BUILDING CRITICAL SUCCESS FACTORS (CSF):

• **Budget and Schedule:**
  • Maximize program and design opportunities while meeting the available budget and schedule for the project.

• **Safety:**
  • A safe teaching environment for faculty, staff, students and visitors is highly desired. Included in this factor is the desire to have well-ventilated lab spaces.

• **Attract Students /Program of Choice:**
  • A facility that supports the Science program being the program of choice. A place where students gather for instruction, support and social activities.

• **Representative of All Science Programs:**
  • Recognized as the location for scientific learning on campus

• **Functional, Flexible and Efficient Facility:**
  • Form follows function; provides ease of service and operation; appropriately sized prep spaces.
Key Components of Effective Modular Lab Planning:

- Planning module based upon lab safety
- Provide flexibility for future changes
- Combined to address space needs from large to small needs
- Cost effective layout & building organization
- Practical approach to define scope and area limits
DESIGN FROM LABORATORY OUT

DEPARTMENT: BIOLOGY
SPACE NAME: ANATOMY LABORATORY

This diagram is conceptual and is provided only to indicate possible furnishings, equipment, and general room proportions. The actual room design may change.

- 25 - 30 STUDENTS
- VIEW WINDOWS FROM CORRIDOR TO BE DEVELOPED

**FURNISHINGS**

- 01. Chemical Fume Hood with Cup Sink
- 02. Biosafety Bench Cabinet
- 03. Backdraft Exhaust
- 04. Laminar Flow Hood
- 05. Hood Exhaust
- 06. Laboratory Bench, Standing Height
- 07. Laboratory Bench, Sitting Height
- 08. Well Cabinet
- 09. Adjustable Height Isolating
- 10. Island Bench Shelving
- 11. Tall Storage Cabinet
- 12. Removable Cabinet
- 13. Core Ice Cabinet
- 14. Laboratory Sink
- 15. Easels
- 16. Downstand Dissection Table
- 17. Centerpiece Table
- 18. Scalpel Sink
- 19. Scissors/Burner/Dissecting
- 20. Overhead Service Center
- 21. Paint/Dye Station
- 22. Mobile Demonstration Bench
- 23. Disinfectant/Sanitizer Sink
- 24. Conveyer Belt
- 25. Autoclave, Autobag (OPG)
- 26. Mobile Laboratory Table
- 27. Glass/Washing Unit
- 28. White Slideboard
- 29. Industrial Shelving Unit
- 30. Exam Light
- 31. Chemical Storage Cabinet
- 32. Tackboard
- 33. Assembly Color
- 34. AV Screen
- 35. Multimedia Projector (Kneeling Mount)
- 36. Ventilated Storage Cabinet
- 37. Coat/Boot Bag Storage
DESIGN FROM LABORATORY OUT

This diagram is conceptual and is provided only to indicate required furnishings, equipment, and general room separations. The actual room design may change.
PRELIMINARY BUILDING MASSING
2. PORTABLE CLASSROOMS
PHASE I AND II
Portable Classrooms Phase I and II:

• Portable Classrooms Phase I includes 2 portable classrooms to accommodate:
  • Swing space for Building 1200 users – summer school occupancy
  • General classroom use - fall semester start occupancy

• Portable Classrooms Phase II includes 1 additional general classroom
  • Fall semester occupancy

• Future Portable Classrooms (Phase III):
  • Currently in planning phase for potential next year occupancy
PORTABLE CLASSROOMS