Career Technical Education Center
At Independence High School
Educational Specifications

- Document that consolidates all of the efforts to design the functions and spaces of the facility

- “Comprehensive educational specifications link facility design to the educational program and serve as documentation for the completed facility” (California Department of Education, 1997).
Process

- Identify national CTE best practices
  - Research
  - Conferences
  - Team visits to various CTE facilities in California and Arizona

- Review of labor market data

- Industry partner input as to local needs

- Student input
  - Survey of over 22,000 KHSD students
    - 12,205 wished they had more CTE opportunities
    - 11,062 students are interested in attending a 3-hour CTE program
    - 53% of junior and senior students indicated they are not enrolled in a CTE program at ROC because of not having room in their schedule
Process

Student Input

- Conducted ROC student focus groups
  - Emerging themes
    1. Time on the bus made completing homework difficult
      - Installed Wi-Fi on all ROC buses, with Chromebooks available for checkout
    2. The option to take an online class to assist with impacted schedules
      - Kern Learn utilization to relieve impacted schedules
10,578 students indicated they would like to take an online class so a CTE program will fit in their schedule.

Allows for flexibility with scheduling options for students:
- Removes challenge of impacted schedules being a preventer to enrollment.
Design Process

- Sub-committees for each program provided feedback loop for continual improvement of design
  - Industry partners
  - Teachers
  - Counselors
  - Facilities Planning staff
  - Maintenance and Operations staff
  - Administrators
  - Architects
Programs

- 3D Animation
- Business, Banking, and Finance
- Cisco Networking Academy
- Dental Assistant
- Early Childhood Education
- Fire Technology
- Introduction to Health Careers
- Law Enforcement
- Medical Assistant
- Certified Nursing Assistant
- Mobile App Development
- Pharmacy Technician
- Robotics Engineering
- Sports Medicine
- Supply Chain Logistics
- Video Game Design
- Video Production
ALLIED HEALTH LAB
DENTAL ASSISTANT
PHARMACY TECH LAB
ALLIED HEALTH LAB
NETWORK ENGINEERING
Why do we need Board approval on Educational Specifications?

- California Department of Education (CDE) requires Ed Specs in order to give plan approval of a school project.

- Ed specs are used as the guiding document for the review of the plans.

- CDE approval of plans is required for State Funding.
What State Funding is available for this project?

- Prop 51 Bond replenishes bond authority for State programs
- No bonds issued yet
- Large list of unfunded projects in queue
- CTE Facilities Program grant funding rounds not open yet
- New construction grants for part of the project
- No guarantee of state funds
Update on current status of project

- Construction drawings are in DSA for review (expect approval in late fall 2017)
- Constructability review and phasing CM and Architect coordination in progress
- Bidding of project planned for winter 2017
Update on current status of project

- Remedial Action Work has started
- Arsenic abatement approved by Department of Toxic Substance Control (DTSC) (expected completion fall 2017)
- Strict standards of moving dirt/Testing and monitoring
- Apply for CDE School site approval when work is completed