BAKERSFIELD COLLEGE

2016 BOND PRESENTATION
SESSION #1
1913....1955....
Welcome Center

- Bakersfield College does not have a central location on its campus to welcome first-time visitors. Visitors of the college usually wander aimlessly until they finally reach their point of destination with the assistance of a staff member or a random good Samaritan student.

- The welcome center will be the central point of contact for first-time visitors, continuing and new students and parents when they visit the BC campus.

- The center will be located in the Administration Building.
Welcome Center

• Administration Building-Welcome Center

The Welcome Center will provide information to new and continuing students by assisting them with the following:
• The mechanics of accessing the BC portal, Inside BC
• Selecting a major
• How to prepare for the placement test
• Provide information on orientation, counseling, and other student support services

Welcome Center – Proposed Budget

• Furniture $62,437 (List Price) $31,197 (Actual Price)
• Laser Jet Printer $1,022
• Lap Tops $18,056
Total $81,515
Athletic Projects

• Women’s Field House
  • Compliance with Title IX – Modernized & Improve comparable space to the current men’s facility
  • Additional locker room space for community events

• Women’s Club House
  • Compliance with Title IX – Modernized & Improve comparable space to the current men’s facility
  • Develop new team rooms based upon like men’s facilities for like sports.

Title IX Implication

• Bakersfield College strives to maintain compliance with Title IX as it relates to locker room/team room by gender. These facilities would provide equitable locker rooms/team rooms for female athletes.

• Provide equitable opportunities to all students participating in Athletics. The Women’s Field House would accommodate the female athletes participating in areas in close proximity to the Gymnasium, Track, Pool, & Tennis Courts. The Women’s Club House would accommodate the female athletes participating close in proximity to the softball field & soccer field.

• As reported in the College EADA Report for 2013-2014, 33.42% (144) of the athletes were female and 66.58% (249) were male.
Athletic Projects

• Memorial Stadium - Athletic Complex
  • Ability to host multiple revenue generating events
  • Enhanced experience with updated Scoreboard and sound system
  • Title IX – compliance for equitable competition facilities for Football & Soccer

Revenue Generation needs

• Replace natural Grass with synthetic turf with expanded playing field
• Replace Track surface with new surface
• Ability to host multiple events, including major soccer and track events throughout the year
• Video Capable LED Scoreboard with messaging capabilities
• Scoreboard location to optimize viewing from any seat in the stands
Kern County Agriculture is Growing!
In 2006, Kern County Agriculture is a $3.4 Billion Industry
Agriculture in 2013 is valued at over $6.7 Billion

Bakersfield College Ag infrastructure stagnates
The Agriculture building has not changed since 1953.

<table>
<thead>
<tr>
<th>Course Offerings Decrease</th>
<th>Class Populations Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year</td>
<td>Sections of Course offerings</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>2006</td>
<td>93</td>
</tr>
<tr>
<td>2013</td>
<td>64</td>
</tr>
</tbody>
</table>

Did You Know?
Nursery Crops are California’s 5th largest agricultural commodity behind Dairy, Grapes, Almonds and Cattle.
Agriculture Sciences  
Ag Engineering Horticulture

*Program growth is limited by the existing infrastructure*

- Class enrollment capacity is limited due to a lack of available classrooms and labs.
- Mechanized Agriculture Labs are shared with other disciplines, limiting growth and expansion.
- Existing lab facilities were designed for smaller class sizes, this creates potential equipment and student safety hazards.
- Equipment with the newest technologies in agriculture cannot be purchased due to a lack of lab floor space and storage facilities.
- Local high schools have better facilities to teach classes in tissue culture, farm operations, animal husbandry and mechanical shop facilities.

*The Learning Environment should be “hands-on” with active labs*

- Today’s production agricultural concepts are taught in theory in all agricultural disciplines and simplified during labs due to the lack of agricultural infrastructure and usable farming acreage to apply lessons from a book.
- Antiquated labs with old equipment decreases the learning standard when preparing a student for a higher education or an industry career.

*Our students should be learning about today’s Agriculture by exploring tomorrow's technology*
STEM Neighborhood Projects

AERA STEM Success Center
- AERA Energy donated $500K towards the cost of building a STEM Success Center, but the conservative value-engineered cost is around $850K.

Needs Justification
- The AERA STEM Success Center is designed to be a top rate learning environment with cutting edge technologies.
  - Computer docking station lab with plotting/printing capabilities
  - Interactive conference room
  - Design lab
  - Central study space for supplemental instruction
  - Counseling & student support services
  - MESA

Science and Math Building
- New Construction...

- Due to the high demand for math and science courses, the college has been approved for a new building.
  - STEM program has grown to over 1500 majors
  - Lack of classroom space
  - Science labs, lecture halls, classrooms, office space

Industrial Automation Lab
- Renovation of existing MESA Center
- Estimated cost of $350K

- The Industrial Automation Lab will provide additional lab facilities to support the Bachelor of Science degree in Industrial Automation.
  - Cutting edge robotic technology
  - Manufacturing integration
Stem Building

South Elevation

West Elevation

East Elevation

Bakersfield College, Kern Community College District

BC STEM Grant Building Project
Student Services Projects

Counseling Center
• Seven counselors and six education advisors were hired this past year. Space needs to be maximized.

Needs Justification
• The Counseling Center is the space where students map out their pathways to success. With the recent addition of counselors and education advisors, the need for intrusive advising can now be met.
  – Computer bank with printer capabilities
  – Paint, and carpet
  – Larger front counter space
  – Private cubicles for education advisors to avoid FERPA violations.
  – New air duct system

International Students Center
• International students want to come to Bakersfield College. A center, and program, are imperative.

• Between 75-80 International students are enrolled for fall 2015.
  – Project 50% increase for fall 2016
  – Lack of physical center space for students
  – Office space, computer bank, assistant space

Career Center
• Undecided students are at risk students. This center helps them decide on a chosen career.

• The Career Center will provide space for specific career guidance and counseling.
  – Computer bank
  – Office space, file space, software, student work area
## Infrastructure Footage Affected by 2016 Bond

<table>
<thead>
<tr>
<th>Facility</th>
<th>Square Footage</th>
<th>Percentage of Square Footage</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance and Operations Building</td>
<td>15,000</td>
<td>7.41%</td>
<td>Administration</td>
</tr>
<tr>
<td>Stem Mesa Building</td>
<td>3,000</td>
<td>1.48%</td>
<td>Student/Administration</td>
</tr>
<tr>
<td>ABC Building</td>
<td>41,000</td>
<td>20.27%</td>
<td>Student/Administration</td>
</tr>
<tr>
<td>Math Science and Engineering Building</td>
<td>104,000</td>
<td>51.41%</td>
<td>Student</td>
</tr>
<tr>
<td>Agriculture Building</td>
<td>22,000</td>
<td>10.87%</td>
<td>Student</td>
</tr>
<tr>
<td>Language Arts Building Swing Space</td>
<td>12,300</td>
<td>6.08%</td>
<td>Student</td>
</tr>
<tr>
<td>Women’s Field House Building</td>
<td>5,000</td>
<td>2.47%</td>
<td>Student</td>
</tr>
<tr>
<td><strong>Total Proposed New Square Footage</strong></td>
<td><strong>202,300</strong></td>
<td><strong>100%</strong></td>
<td></td>
</tr>
</tbody>
</table>
There are projects that were not completed due to limited resources provided by the 2002 SRID bond. This confirms that the SRID funds allocated to Bakersfield College were not sufficient to address the significant infrastructure needs. The image below shows the analysis of the SRID (Measure G) source and use of funds (Figure 1). The “funds committed to projects underway” ($15.5 million) will be used to support the STEM building and Maintenance and Operation facilities.

- Maintenance & Operations
  - Infrastructure
  - M&O Building
- Stem
  - Student Success Center

- LA Basement
  - Swing Space initially
  - Tech Center permanently
- Campus Center
  - Cafeteria
  - Student spaces
- ABC Building
  - Bookstore
  - Executive Offices and foundation
  - Conference Center

Original Measure G Budget: $100,739,498
Funds Expended to Date: $(58,687,186)
Funds Committed to Projects Underway: $(15,538,505)
Funds Committed to Future Projects: $(28,799,576)
Construction Contingencies: $(2,800,000)
and Materials Cost Inflation
Net Funds Available /Short Excl FPP's/IPP's: $(5,085,769)

Gap
$5 Million not covered by the Bond

- Pending Projects
  - Final Project Plans (FPP)
  - Initial Project Plans (IPP)

Funds Committed to FPP Projects: $(29,438,000)
Funds Committed to IPP Projects: $(5,647,000)
Net Funds Available/Short: $(40,170,769)