Extending Guided Pathways through Dual & Concurrent Enrollment Opportunities

AACC/AASA Convening | March 25, 2019
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NATIONAL & CA LANDSCAPE

ACCESS → COMPLETION → ACCOUNTABILITY
THE SOLUTION
Early College – Scaling college access & completion for all students

THE PROBLEM
ACCESS & EQUITY ➔ enrolling in college
COMPLETION & EQUITY ➔ completing a college degree or certificate
ACCOUNTABILITY ➔ judicious with tax dollars
NATIONAL CONCERN #1: ACCESS & EQUITY
### College-Going Rates Directly from High School

<table>
<thead>
<tr>
<th>State</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Massachusetts</td>
<td>74.5%</td>
</tr>
<tr>
<td>Connecticut</td>
<td>73.4%</td>
</tr>
<tr>
<td>Mississippi</td>
<td>72.2%</td>
</tr>
<tr>
<td>Minnesota</td>
<td>69.9%</td>
</tr>
<tr>
<td>New Jersey</td>
<td>69.6%</td>
</tr>
<tr>
<td>Louisiana</td>
<td>69.5%</td>
</tr>
<tr>
<td>New York</td>
<td>69.3%</td>
</tr>
<tr>
<td>South Carolina</td>
<td>68.1%</td>
</tr>
<tr>
<td>Virginia</td>
<td>66.7%</td>
</tr>
<tr>
<td>Iowa</td>
<td>67.2%</td>
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<td>South Dakota</td>
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<td>North Dakota</td>
<td>65.9%</td>
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<td>Kansas</td>
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<td>Kentucky</td>
<td>63.6%</td>
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<td>Georgia</td>
<td>63.4%</td>
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<td>Arkansas</td>
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<tr>
<td>Florida</td>
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<td>New Mexico</td>
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<tr>
<td>Delaware</td>
<td>63.2%</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>63.0%</td>
</tr>
<tr>
<td>North Carolina</td>
<td>62.9%</td>
</tr>
<tr>
<td>United States</td>
<td>62.6%</td>
</tr>
</tbody>
</table>

Source: NCES, IPEDS Enrollment Survey and WICHE, Knocking at the College Door: Projections of High School Graduates, 2016
College-Going Rates Directly from High School

Source: NCES, IPEDS Enrollment Survey and WICHE, Knocking at the College Door: Projections of High School Graduates, 2016
WHY DOES IT MATTER?

Earnings Differential

Source: US Census Bureau. 2008-10 American Community Survey Three-Year Public Use
ADDRESSING ACCESS: OUR WHY

EDUCATION LEVELS

College Degree
- California: 38%
- City of Bakersfield: 29%
- Bakersfield rural areas: 9%

Less than High School
- California: 19%
- City of Bakersfield: 20%
- Bakersfield rural areas: 52%
Scaling college access for all students

Public School Enrollments

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Number of Students</th>
</tr>
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<tbody>
<tr>
<td>Kindergarten through grade five</td>
<td>2,829,538</td>
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<tr>
<td>Grades six through eight</td>
<td>1,438,397</td>
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<tr>
<td>Grades nine through twelve</td>
<td>1,943,939</td>
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<tr>
<td>Ungraded programs</td>
<td>8,539</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,220,413</strong></td>
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Bakersfield College—McFarland High
Early College Solution to address access for all
**IMPLEMENTATION:**
GE with Dual Enrollment Courses Only

<table>
<thead>
<tr>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 9</td>
<td>English 10</td>
<td>English 11</td>
<td>ENGL B1A</td>
</tr>
<tr>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>MATH B22</td>
</tr>
<tr>
<td>Biology</td>
<td>Chemistry</td>
<td>Earth Science</td>
<td></td>
</tr>
<tr>
<td>World History</td>
<td>HIST B17A/B</td>
<td>Gov/Econ</td>
<td></td>
</tr>
<tr>
<td>Spanish 1</td>
<td>Spanish 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STDV B3</strong></td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Health/PE</td>
<td>PE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dual-**
During High School Day
**Concurrent**
- After School
At HS Site
**Concurrent**
- Online,
Support during HS Day
### IMPLEMENTATION:
**Dual & Concurrent Enrollment Courses**

<table>
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</tr>
<tr>
<td>Biology</td>
<td>Chemistry</td>
<td>Life Science</td>
<td></td>
</tr>
<tr>
<td>MUSC B27</td>
<td>World History</td>
<td>HIST B17A/B</td>
<td>POLS B1</td>
</tr>
<tr>
<td>Spanish 1</td>
<td>Spanish 2</td>
<td>SPAN B1</td>
<td></td>
</tr>
<tr>
<td>STDV B3</td>
<td>COMM B1</td>
<td>Elective</td>
<td>PHIL B9</td>
</tr>
<tr>
<td>Health/PE</td>
<td>PE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dual** - During High School Day

**Concurrent** - After School At HS Site

**Concurrent** - Online, Support during HS Day
**IMPLEMENTATION:**
Leveraging Summers

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<tr>
<td>Biology</td>
<td>Chemistry</td>
<td>Life Science</td>
<td></td>
</tr>
<tr>
<td>MUSC B27</td>
<td>World History</td>
<td>Physical Science</td>
<td>POLS B1</td>
</tr>
<tr>
<td>Spanish 1</td>
<td>Spanish 2</td>
<td>HIST B17A/B</td>
<td>Major Req #4</td>
</tr>
<tr>
<td>STDV B3</td>
<td>COMM B1</td>
<td>SPAN B1</td>
<td>PHIL B9</td>
</tr>
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<td>PE</td>
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**Major Req #1**
**Major Req #2**
**Major Req #3**

Dual-
During High School Day
Concurrent - After School At HS Site
Concurrent -Online, Support during HS Day
NATIONAL CONCERN #2: COMPLETION & EQUITY
Some College, No Degree

“Over the past 20 years, more than 31 million students have enrolled in college and left without receiving a degree or certificate.”

Move from a cafeteria style “course” model into pathways to degree or certificate completion
Throughput by Race: African American Students

BC English Throughput Rates: African American Students

*Data provided by the BC Office of Institutional Effectiveness*
Closing Equity Gaps

Transfer-Level English in 1st Year

- 2014-15: 29% (All Students), 14% (African American/Black)
- 2015-16: 30% (All Students), 24% (African American/Black)
- 2016-17: 39% (All Students), 44% (African American/Black)
Closing the Latinx ADT Gap

<table>
<thead>
<tr>
<th>Year</th>
<th>Latinx</th>
<th>Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014-15</td>
<td>172</td>
<td>106</td>
</tr>
<tr>
<td>2015-16</td>
<td>303</td>
<td>187</td>
</tr>
<tr>
<td>2016-17</td>
<td>493</td>
<td>319</td>
</tr>
<tr>
<td>2017-18</td>
<td>824</td>
<td>559</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>%</th>
</tr>
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<tbody>
<tr>
<td>2014-15</td>
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</tr>
<tr>
<td>2015-16</td>
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<td>2017-18</td>
<td>67.4%</td>
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While we were implementing Guided Pathways at the college, we were growing our dual enrollment courses at the high school.
Dual Enrollment

Sections
- 2012-13: 4
- 2013-14: 11
- 2014-15: 22
- 2015-16: 74
- 2016-17: 288
- 2017-18: 384

Students
- 2012-13: 74
- 2013-14: 248
- 2014-15: 500
- 2015-16: 1,710
- 2016-17: 5,894
- 2017-18: 7,102
Course Success Rates Exceed Institution-Set Standard

- 2014-15: 77% average
- 2015-16: 85% average
- 2016-17: 90% average
- 2017-18: 93% average

69% average
Equity Outcomes

- 2015-16:
  - African American: 87%
  - Latinx: 90%
  - Average: 87.5%
  - Note: 67% average

- 2016-17:
  - African American: 88%
  - Latinx: 90%
  - Average: 89%

- 2017-18:
  - African American: 91%
  - Latinx: 90%
  - Average: 90.5%

- 2018-19:
  - African American: 84%
  - Latinx: 90%
  - Average: 88%
Guided Pathways

Dual Enrollment

Early College
## Scaling college access for all students

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NATIONAL CONCERN #3: ACCOUNTABILITY:

Accumulation of units
Time to degree completion
Student debt
**ADDRESSING ACCOUNTABILITY:**

**Our Incentives**

### Free to Student
- Tuition + Fees
- Textbooks
- Transportation + Lodging

### $ Benefit to College and HS
- FTES Apportionment
- Success Allocation
- Equity Allocation
Saving Students & Taxpayers Money

BC Tuition: $46/unit

- Early College: 60 units to ADT = $2,760 savings to student
- 280 Early College Grads = $772,800 savings

- Average degree completer: 89 units to ADT = $4,094 cost
  - 29 units saved = $1,334 savings per student
  - 280 Early College Grads per year = $373,520 savings
## OUR HOW:
Levels of Implementation

**Level 1: Exploration**
High school students can **complete college courses** on-site through a combination of dual and concurrent enrollment offered on the high school campus.

- Shafter High School
- Delano High School
- BC SouthWest
- Valley Oaks Charter School

**Level 2: Installation**
High school students can **complete a college degree or certificate** through a combination of dual and concurrent enrollment offered on the high school campus.

- Arvin High School
- Wasco High School
- Wonderful Academy

**Level 3: Implementation**
*All incoming 9th grade students are on a pathway to complete a college degree or certificate by 12th grade through a combination of dual and concurrent enrollment offered on the high school campus.*

- McFarland High School
Partners Matter!
THANK YOU!
WANT TO KNOW MORE?

www.bakersfieldcollege.edu/earlycollege
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