College Credit Opportunities

- **Dual Enrollment:**
  - A high school student is taking a high school course that has been aligned to a college course and is receiving high school and college credit simultaneously.
  - College transcript reflects the college course with the grade and credits earned.

- **Concurrent Enrollment:**
  - A high school student enrolls and takes a college course on a college campus.
    - Typically via online, evening, and/or summer.

- **Articulated Credit:**
  - A high school CTE course has been deemed comparable to a specific college course.
  - Student must receive a minimum of a “C” grade.
  - Displayed on transcript as “Credit by Exam.”
Dual Enrollment Benefits

• Students earn college credits while in high school
• Students have access to rigorous, high-level courses and instruction
• Allows for time in college to be more effective
  – *Priority registration:* students are able to enroll in the needed classes before they reach capacity
  – *Reduces/eliminates general education requirements once in college*
• Students who participate in dual enrollment finish college in less time (Shapiro, et al. 2016)
  • *Complete bachelor’s degree one year sooner*
  • *Complete associate’s degree two years earlier than non-dual enrollment participants*
• Cost savings to students and families

Dual Enrollment Benefits

• Partnerships:
  – Strengthened partnerships with BC, Cerro Coso, (KCCD) and CSUB
  – Curriculum alignment allows for closer collaboration
    ■ Aligned courses raise level of the course and instruction

• More rigorous high school courses = seamless transition when entering into college

• Students are more likely to attend and complete college and/or certificate programs having accrued college credits while in high school

• Improves student’s ability to be deemed “Prepared” in new state accountability measure (e.g. College/Career Indicator)
## College/Career Indicator Model

<table>
<thead>
<tr>
<th>PREPARED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does the graduate meet at least 1 measure below?</td>
</tr>
</tbody>
</table>

High School Diploma and any one of the following:

A. Career Technical Education (CTE) Pathway Completion **plus one** of the following criteria:
   - Smarter Balanced Summative Assessments: At least a Level 3 “Standard Met” on ELA or Mathematics and at least a Level 2 “Standard Nearly Met” in the other subject area
   - One semester/two quarters of Dual Enrollment with passing grade (Academic/CTE subjects)

B. At least a Level 3 “Standard Met” on both ELA and Mathematics on Smarter Balanced Summative Assessments

C. Completion of two semesters/three quarters of Dual Enrollment with a passing grade (Academic and/or CTE subjects)

D. Passing Score on two Advanced Placement (AP) Exams or two International Baccalaureate (IB) Exams

E. Completion of courses that meet the University of California (UC) or the California State University (CSU) a-g criteria **plus one** of the following criteria:
   - CTE Pathway completion
   - Smarter Balanced Summative Assessments: At least a Level 3 “Standard Met” on ELA or Mathematics and at least a Level 2 “Standard Nearly Met” in the other subject area
   - One semester/two quarters of Dual Enrollment with passing grade (Academic/CTE subjects)
   - Passing score on one AP Exam **OR** on one IB Exam

California School Dashboard (2017)
Dual Enrollment

- How is a course determined for dual enrollment credit?
  - Will benefit the student
  - The course is aligned to the college course
  - Qualified and interested teacher available

- How is a school eligible to have a dual enrollment course?
  - Teacher must meet minimum qualifications for discipline (CTE courses require industry experience/degree; core subjects may require Master’s degree in the discipline)
College and Career Access Pathway (CCAP) Partnership

- AB 288 provides a structure for post-secondary and secondary institutions to operate dual enrollment partnerships
  - *There are limiting factors of AB 288 that prevent KCCD and KHSD from having a CCAP agreement (e.g. cannot offer various courses)*

- KCCD and KHSD have a non-CCAP agreement
  - *Must open class to public enrollment*
  - *Allows all courses (academic and CTE) to be offered*
Dual Enrollment Courses

- Ag Communications
- Ag Econ
- Ag Food Science
- Ag Mechanics
- Ag Sales Marketing
- Ag Vet Science
- Animal Care
- Art Appreciation
- Art: Drawing
- Business
- Career Choices
- Ceramics
- Concepts of Biology
- Digital Photography
- Educational Planning
- Electronics
- Emergency Medical Responder
- Expository Composition
- Fire Fighting
- Floral Design
- General Physics – Mechanics & Heat
- Geology
- Graphic Arts
- History of the United States
- History of the United States since 1870
- Introduction to Construction
- Introduction to Drafting and CAD
- Introduction to Types of Literature
- Kinesiology: Sports Medicine
- Law Enforcement
- Lifelong Learning and Career Planning
- Manufacturing 2
- Manufacturing 3
- Media Design
- Medical Terminology
- Nursing Assistant
- Pre-Calculus
- Principles of Economics
- Psychology
- Small Gas Engines
- Spanish
- Stagecraft
# KCCD Dual Enrollment 2015-2016 School Year

<table>
<thead>
<tr>
<th>BC/Cerro Coso</th>
<th>Fall 2015</th>
<th>Spring 2016</th>
<th>Summer 2016</th>
<th>2015-2016 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td># of schools</td>
<td>6</td>
<td>7</td>
<td>1</td>
<td>–</td>
</tr>
<tr>
<td># of classes</td>
<td>20</td>
<td>25</td>
<td>1</td>
<td>46</td>
</tr>
<tr>
<td># of students</td>
<td>415</td>
<td>302</td>
<td>16</td>
<td>733</td>
</tr>
<tr>
<td># of credits</td>
<td>1,178</td>
<td>905</td>
<td>45</td>
<td>2,128</td>
</tr>
</tbody>
</table>

*2015-16 first year of KCCD dual enrollment

**Data provided by KCCD**
# KCCD Dual Enrollment 2016-2017 School Year

<table>
<thead>
<tr>
<th>BC/Cerro Coso</th>
<th>Fall 2016</th>
<th>Spring 2017</th>
<th>Summer 2017</th>
<th>2016-2017 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td># of schools</td>
<td>17</td>
<td>19</td>
<td>1</td>
<td>–</td>
</tr>
<tr>
<td># of classes</td>
<td>71</td>
<td>90</td>
<td>1</td>
<td>162</td>
</tr>
<tr>
<td># of students</td>
<td>1,326</td>
<td>1,431</td>
<td>15</td>
<td>2,772</td>
</tr>
<tr>
<td># of credits</td>
<td>3,996</td>
<td>4,650</td>
<td>39</td>
<td>8,685</td>
</tr>
</tbody>
</table>

*Data provided by KCCD*
# KCCD Dual Enrollment 2017-2018 School Year

<table>
<thead>
<tr>
<th></th>
<th>Fall 2017</th>
<th>Spring 2018</th>
<th>Summer 2018</th>
<th>2017-2018 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td># of schools</td>
<td>17</td>
<td>18</td>
<td>2</td>
<td>–</td>
</tr>
<tr>
<td># of classes</td>
<td>87</td>
<td>133</td>
<td>3</td>
<td>223</td>
</tr>
<tr>
<td># of students</td>
<td>1,227</td>
<td>1,705</td>
<td>63</td>
<td>2,995</td>
</tr>
<tr>
<td># of credits</td>
<td>3,666</td>
<td>5,254</td>
<td>186</td>
<td>9,106</td>
</tr>
</tbody>
</table>

*Data provided by KCCD*
KCCD Dual Enrollment Growth

*Data provided by KCCD*
**Non-KHSD Student Enrollment**

- Non-KHSD students are able to enroll in KCCD dual enrollment courses

<table>
<thead>
<tr>
<th>School Year</th>
<th># of Non-KHSD Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2016</td>
<td>0</td>
</tr>
<tr>
<td>2016-2017</td>
<td>17</td>
</tr>
<tr>
<td>2017-2018</td>
<td>12</td>
</tr>
</tbody>
</table>

*Data reported by school sites*
CSUB Dual Enrollment
2016-2017 School Year

<table>
<thead>
<tr>
<th>CSUB</th>
<th>Spring 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td># of schools</td>
<td>16</td>
</tr>
<tr>
<td># of classes</td>
<td>21</td>
</tr>
<tr>
<td># of students</td>
<td>527</td>
</tr>
<tr>
<td># of credits</td>
<td>1,928</td>
</tr>
</tbody>
</table>

*Data provided by CSUB*
CSUB Dual Enrollment
2017-2018 School Year

<table>
<thead>
<tr>
<th></th>
<th>Spring 2018</th>
<th>Summer 2018</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td># of schools</td>
<td>14</td>
<td>1</td>
<td>–</td>
</tr>
<tr>
<td># of classes</td>
<td>21</td>
<td>2</td>
<td>15</td>
</tr>
<tr>
<td># of students</td>
<td>555</td>
<td>86</td>
<td>643</td>
</tr>
<tr>
<td># of credits</td>
<td>1,967</td>
<td>344</td>
<td>2,311</td>
</tr>
</tbody>
</table>

*Data provided by CSUB*
KHSD Dual Enrollment Total 2015-2016, 2016-2017 and 2017-2018

- **KCCD:**
  - 5,767 students
  - 19,919 credits

- **CSUB:**
  - 1,170 students
  - 4,239 credits

- **TOTAL:**
  - 6,937 students
  - 24,158 credits

*Data provided by KCCD and CSUB*
Dual Enrollment Projections

- With the incorporation of dual enrollment within the school accountability model (e.g. College/Career Indicator), more emphasis on students receiving dual enrollment credit

- Expand course offerings
  - As pathways are further refined, incorporate dual enrollment where possible
  - Staff to meet minimum qualifications for potential courses
    - Degree completion, years of experience, etc.

- Projected that 4,500 students will receive dual enrollment credit in the 2018-2019 school year
### KCCD Concurrent Enrollment 2015 - 2016 School Year

<table>
<thead>
<tr>
<th>BC /Cerro Coso</th>
<th>Fall 2015</th>
<th>Spring 2016</th>
<th>Summer 2016</th>
<th>2015-2016 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td># of students</td>
<td>76</td>
<td>184</td>
<td>330</td>
<td>590</td>
</tr>
<tr>
<td># of credits</td>
<td>230</td>
<td>420</td>
<td>958</td>
<td>1,608</td>
</tr>
</tbody>
</table>

*Data provided by KCCD*
# KCCD Concurrent Enrollment

## 2016 - 2017 School Year

<table>
<thead>
<tr>
<th>BC / Cerro Coso</th>
<th>Fall 2016</th>
<th>Spring 2017</th>
<th>Summer 2017</th>
<th>2016-2017 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td># of students</td>
<td>133</td>
<td>155</td>
<td>290</td>
<td>578</td>
</tr>
<tr>
<td># of credits</td>
<td>381.5</td>
<td>436</td>
<td>874.5</td>
<td>1,692</td>
</tr>
</tbody>
</table>

*Data provided by KCCD*
## KCCD Concurrent Enrollment 2017 - 2018 School Year

*Data provided by KCCD*

<table>
<thead>
<tr>
<th>BC / Cerro Coso</th>
<th>Fall 2017</th>
<th>Spring 2018</th>
<th>Summer 2018</th>
<th>2017-2018 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td># of students</td>
<td>85</td>
<td>249</td>
<td>372</td>
<td>706</td>
</tr>
<tr>
<td># of credits</td>
<td>265</td>
<td>653</td>
<td>1,166</td>
<td>2,084</td>
</tr>
</tbody>
</table>
KCCD Concurrent Enrollment

Student Enrollment

*Data provided by KCCD*
## CSUB Concurrent Enrollment

<table>
<thead>
<tr>
<th>Year</th>
<th># of Students</th>
<th># of Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>208</td>
<td>624</td>
</tr>
<tr>
<td>2017</td>
<td>115</td>
<td>345</td>
</tr>
<tr>
<td>2018</td>
<td>74</td>
<td>222</td>
</tr>
<tr>
<td>Total</td>
<td>397</td>
<td>1,191</td>
</tr>
</tbody>
</table>

*Data provided by CSUB*
KHSD Concurrent Enrollment Total
2015-2016, 2016-2017 and 2017-2018

- **KCCD:**
  - 1,874 students
  - 5,384 credits

- **CSUB:**
  - 397 students
  - 1,191 credits

- **TOTAL:**
  - 2,271 students
  - 6,575 credits

*Data provided by KCCD and CSUB*
KHSD Dual and Concurrent Enrollment Credits 2015-2018

- 9,208 students received college credit via dual and/or concurrent enrollment
- 30,733 college credits accrued

*Data provided by KCCD and CSUB