

# **Bakersfield College & BC Pathways**

FCDC Sept 9, 2016

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- Whole programs of study.
- Informed choice and majors.
- Default pathways.
- Guaranteed milestone courses.
- Intrusive, just-in-time advising.
- Math alignment to majors.

# Pathway Essentials

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- Taking too much time Average 60 unit AA

Nationally 78.8 units

BC average 84 units (64 to 109units) translates to 3.5 to 5 years

- Taking too many credits
- Spending too much money



- Not graduating – Only 1% of the students placed 3 & 4 levels below college in math will ever finish a college level transferable math class

# Why?

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Period	SPRING 1	SUMMER 1	FALL 1	SPRING 2	SUMMER 2	FALL 2	SPRING 3	SUMMER 3	FALL 3	SPRING 4	SUMMER 4	FALL 4
Major	ENGR	ENGR	ENGR	ENGR	ENGR	ENGR	ENGR	CMST	ENGR	ENGR	ENGR	ENGR
	MATH B6A COMM B8 ENGL B50 PHED B6WT	ACDV B50 HLED B1	MATH B6B COMM B2 ENGL B1A	MATH B6C COMM B21 NUTR B10 PHYS B4A	ACDV B280 HIST B17A	MATH B6C COMM B5 COMM B6 PHYS B4B	MATH B6D MATH B6E COMM B1 PHED B6FCX PHYS B4C STDV B1	ANTH B1	CHEM B2A ENGR B36 ENGR B47 POLS B1	MATH B6E CHEM B1A ENGR B17 ENGR B17L INDR B10 INDR B11 ART B1	ACDV B280 ART B2 ENGL B1B	ENGR B19C ENGR B45

Period	SPRING 1	FALL 1	SPRING 2	FALL 2	SPRING 3	SUMMER 3	FALL 3	SPRING 4	FALL 4	SPRING 5	GRAD
Major	UNDE	UNDE	UNDE	UNDE	ENGR	ENGR	ENGR	CHEM	CHEM	CHEM	CHEM
	ENGL B1A HIST B17A LIBR B55 LIBR B55 PHIL B7	MATH B6A BSAD B5 PHYS B2A	MATH B6B ART B10 COMS B2 PHYS B2B STDV B2	MATH B6C COMM B1 ENGR B19C PHIL B37 PHIL B7	MATH B21 MATH B6D MATH B6E CHEM B1A INDR B10 PHYS B4A	COMM B1 ENGR B47	CHEM B1B PHIL B9 POLS B1 PSYC B1A	ENGR B45 PHIL B9 PHYS B4C THEA B32	CHEM B30A BIOL B3B	CHEM B30B ECON B1 NUTR B10 PHED B6T	MATH

Period	FALL 1	SPRING 1	SUMMER 1	FALL 2	SPRING 2	SUMMER 2	FALL 3	SPRING 3	FALL 4	SPRING 4	GRAD
Major	ENGR	ENGR	ENGR	ENGR	UNDE	ENGR	ENGR	ENGR	ENGR	ENGR	PHYS
	MATH B1A COMM B1 ENGL B1A ENGR B47 LIBR B55 LIBR B55 LIBR B55 LIBR B55	MATH B1B ACDV B281B BIOL B11 ENGL B1B PSYC B1A	GEOL B10	MATH B6A CHEM B1A HIST B17A	MATH B6B CHEM B1B MUSC B2	PHYS B4A	MATH B6C ENGR B36 MUSC B27 PHYS B4B	MATH B6D HIST B18 MATH B6E PHYS B4C	GEOG B1 INDR B12	FORE B2 INDR B20A PHIL B12	MATH

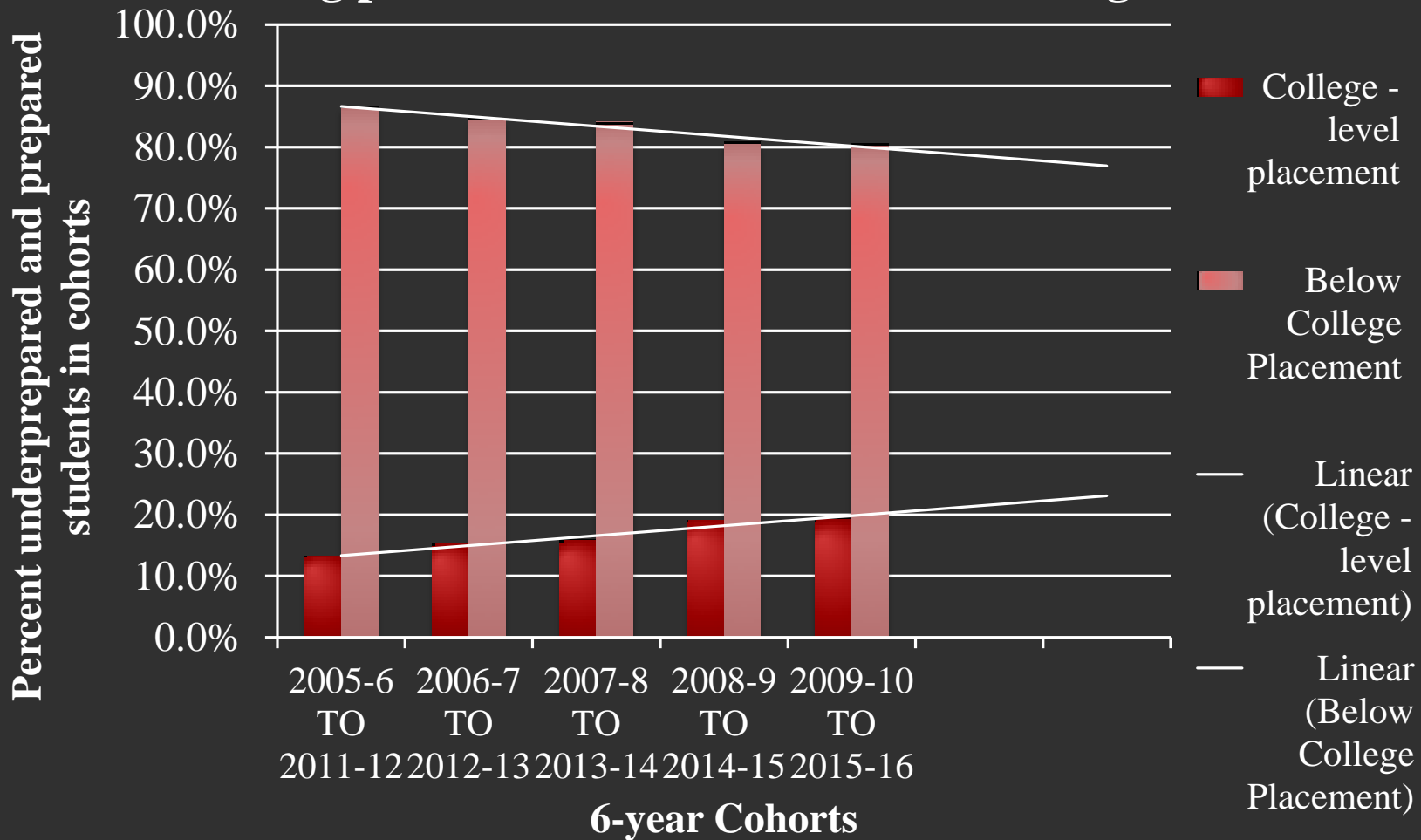
Period	FALL 1	SPRING 1	SUMMER 1	FALL 2	SPRING 2	FALL 3	SPRING 3	FALL 4	SPRING 4	FALL 5	SPRING 5	SUMMER 5
Major	MUSC	MUSC	MUSC	MUSC	MUSC	MUSC	BUSG	MUSC	UNDE	ENGR	UNDE	ENGR
	MATH B22 ENGL B1A MUSC B2	ASTR B2 CHST B30A COMM B8	POLS B1	BIOL B11 MUSC B21A MUSC B5A			ASTR B2 HLED B1 PHIL B6A	BIOL B11	ENGR B47 SPAN B1AB	MATH B1A	MATH B1B ACDV B280 CHEM B2A	MATH B6A



# Go to spread sheet

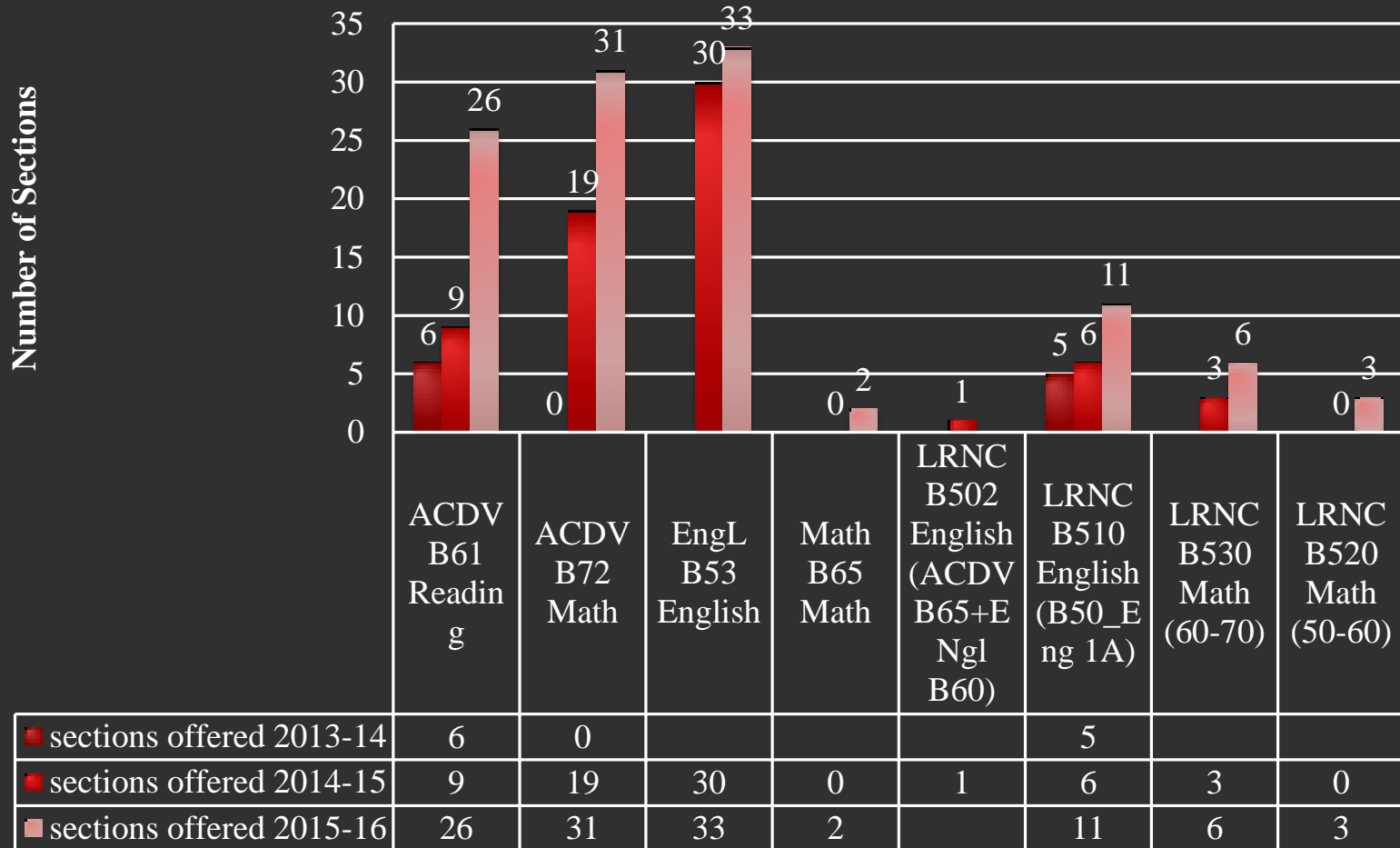
Design Principles	What BC has done
<p>1. Every student's postsecondary education begins with an intake process to choose an academic direction and identify the support needed to pass relevant credit-bearing gateway courses in the first year.</p>	<ul style="list-style-type: none"> <li>✓ HS site visits</li> <li>✓ Renegade day</li> <li>✓ Specialized advisors</li> <li>✓ Cohort tracking</li> <li>✓ Get Focused Stay Focused</li> <li>✓ Dual Enrollment</li> <li>✓ Summer Bridge</li> <li>✓ Degreeworks</li> <li>✓ Convocation</li> </ul>
<p>2. Enrollment in college-level math and English courses or course sequences aligned with the student's program of study is the default placement for the vast majority of students.</p>	<ul style="list-style-type: none"> <li>✓ Registration strategies</li> <li>✓ Abbreviated SEP</li> <li>✓ STEM &amp; MESA</li> <li>✓ Multiple Measures</li> <li>✓ Title 5 &amp; ASTEP</li> <li>✓ Rural Initiatives &amp; Rural Bridge</li> </ul>
<p>3 Academic and nonacademic support is provided in conjunction with gateway courses in the student's academic or career area of interest through co-requisite or other models with evidence of success in which supports are embedded in curricula and instructional strategies.</p>	<ul style="list-style-type: none"> <li>✓ Habits of Mind</li> <li>✓ Completion Coaches (MIH Mentors)</li> <li>✓ SI, Writing Center, Tutoring</li> <li>✓ Math Tutor</li> <li>✓ STEM center</li> <li>✓ Library courses</li> </ul>

## CCC Scorecard data for five consecutive cohorts showing placement trends for cohorts ending 2015-16



Design Principles	What BC has done
<p>4. Students for whom the default college-level course placement is not appropriate, even with additional mandatory support, are enrolled in rigorous, streamlined remediation options that align with the knowledge and skills required for success in gateway courses in their academic or career area of interest.</p>	<ul style="list-style-type: none"> <li>✓ Accelerated Reading, English and Math</li> <li>✓ Engl B53 &amp; Math B65 Cohorts</li> <li>✓ Compressed course work</li> <li>✓ New Success Lab</li> <li>✓ ACDV B72</li> <li>✓ Multiple Measures</li> <li>✓ Contextualized coursework</li> <li>✓ Dual Enrollment</li> </ul>
<p>5. Every student is engaged with content of required gateway courses that is aligned with his or her academic program of study—especially in math.</p>	<ul style="list-style-type: none"> <li>✓ Broadening gateway based on majors – e.g. Anatomy &amp; Physiology, Psychology, Accounting, Drafting etc</li> </ul>
<p>6. Every student is supported to stay on track to a college credential, from intake forward, through the institution’s use of effective mechanisms to generate, share, and act on academic performance and progression data.</p>	<ul style="list-style-type: none"> <li>✓ Cohorts</li> <li>✓ Early alert</li> <li>✓ Starfish</li> <li>✓ Equity AAMP &amp; Hispanic Cohort</li> <li>✓ Institutional Scorecard</li> <li>✓ Vets, DSPS, EOPS</li> </ul>

## Increasing Accelerated and Compressed Course Offerings 2013-14 to 2015=16

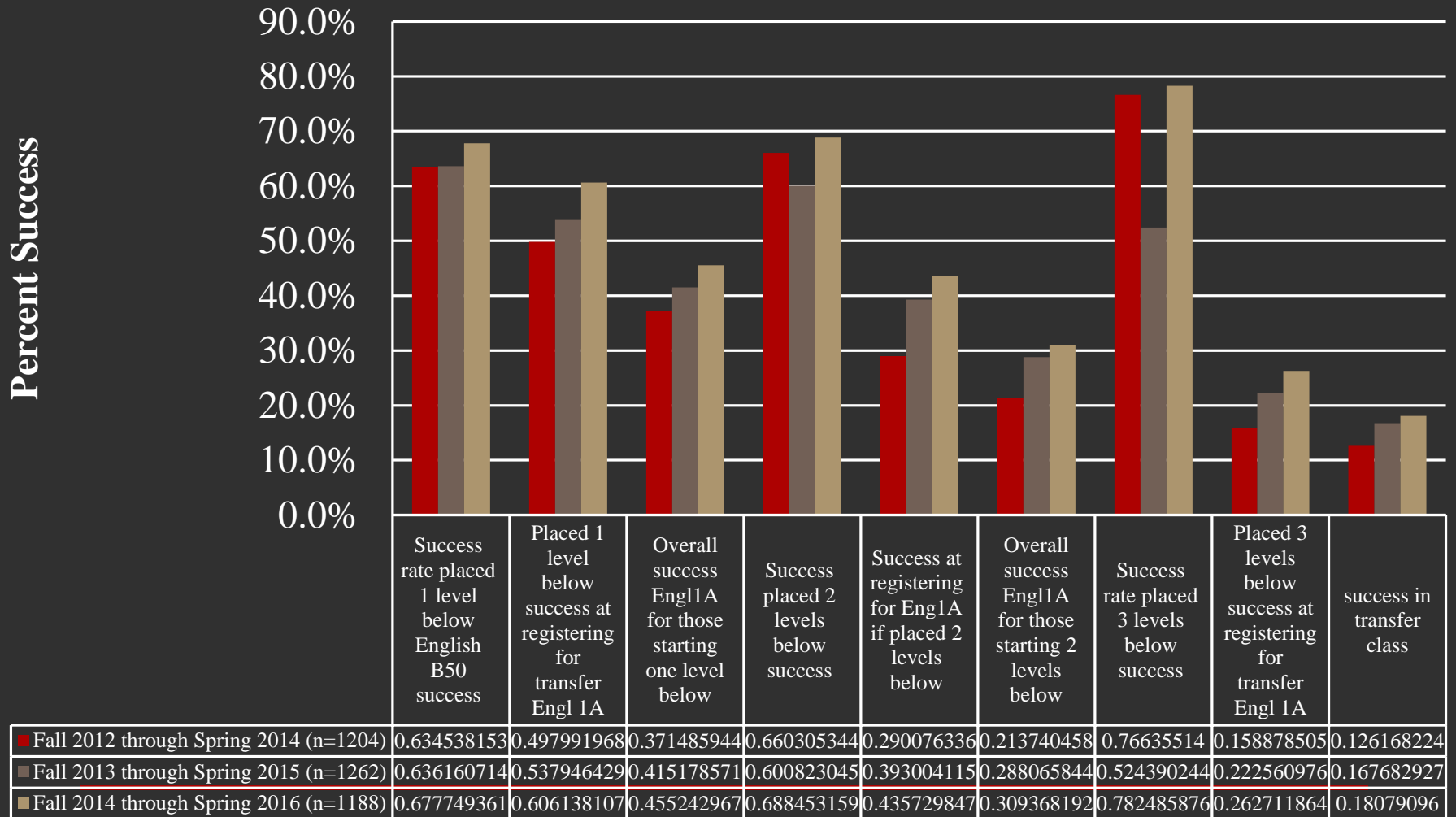




## Success for Three 2-year cohorts placed in Basic Skills Math 1 to 3 levels below Transfer



## Success for Three 2-year cohorts placed in Basic Skills English 1 to 3 levels below Transfer



# Survey

[https://www.surveymonkey.com/r/FCDC\\_SEPT](https://www.surveymonkey.com/r/FCDC_SEPT)

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