Educational Session

2847 - Planning Transfer Student Success: CSU Bakersfield’s Program Pathways Mapper (PPM)
Credits and Degree Pathways, Partnerships and Collaboration

Streamlining and publicizing pathways to degree completion for transfer students is critical in decreasing time to degree and preparing qualified candidates for California’s workforce needs. CSU Bakersfield’s Program Pathways Mapper (PPM) is one tool aimed to reduce excess unit accumulation, shorten time to degree completion, and eliminate equity gaps. Representatives from the campus will present current data on transfer success and discuss implementation of the PPM tool.

Kris Grappendorf, Lecturer/Faculty Fellow Enrollment Management
Debra Jackson, Associate Vice President for Academic Affairs & Dean of Academic Programs
Natasha Harris, Senior Admissions Officer & Transfer Center Student Success Coordinator
Monica Malhotra, Associate Vice President, Institutional Research, Planning and Assessment
California State University, Bakersfield
Planning Transfer Student Success: CSU Bakersfield’s Program Pathways Mapper (PPM)

NISTS Virtual Conference 2023: “Be a Connector for Transfer Student Success”
February 1, 2023

Kris Grappendorf
Natasha Harris
Monica Malhotra
Debra Jackson
Session Overview

- Challenges in Serving Transfer Students
- The Benefits of Program Pathways Mapper (PPM)
- Implementing Program Pathways Mapper (PPM)
- Outcomes from Using Program Pathways Mapper (PPM)
- Remaining Challenges
- Next steps
- Q&A
Senate Bill 1440 mandates each CSU to provide priority admission to California Community College students who have earned an AA-T or AS-T degree. This program guarantees that students who earn an AA-T or AS-T degree from a California Community College will be admitted to a CSU campus, but NOT to the campus of their choice. Once admitted at a CSU campus in an approved program, students can complete a Bachelor’s Degree at a CSU campus with 60-semester units or 90 quarter units of coursework.
INITIAL CONCERNS

A high number of excess transfer units

Course articulation challenges
• Courses rejected within degrees
• CSUB lower division courses were rewritten as upper division (therefore not similar)
• Judgment rendered by CSUB on local coursework
• Students given the wrong information about the courses needed

ADT validation challenges
• Grad submission too late – October not April
• Students not getting all required coursework completed BEFORE spring

Disconnect and miscommunication between institutions

Lack of data sharing between institutions

Low degree attainment in Kern County
WHAT IS FINISH IN 4?

STRENGTH-BASED

The FINISHIN4 initiative is a joint effort between Bakersfield College and CSU Bakersfield to encourage students in Kern County to complete the transfer and baccalaureate degree in 4 years from start to finish. The goal of this initiative is to eliminate barriers and ease the transition for students as they pass from one education institution to the next.
Transfer Agreements

California State University Bakersfield
Digitizing and Publicizing PPM

• 2018-20: Grant funded CSUB/BC partnership to develop PPM
• 2020-21: Built first map (Kinesiology)
• 2021-22: Built additional maps, linked and made public
• 2022-23: Partnering with PC, Cerro Coso, AVC, Taft
PROGRAM PATHWAYS MAPPER

The Program Pathways Mapper (PPM) is a tool used to clarify the pathways to graduation for native CSUB students and transfers.

At-a-glance the Program Map displays general education, major and elective courses needed to graduate with a bachelor’s degree.

https://programmap.csub.edu/academics
Students, faculty, and advisors can browse Program Maps by School, or search by keyword.
Each listing includes career information with current salary and growth statistics to assist students in finding the right degree program to meet their needs.
Each map provides a detailed, semester by semester course plan from start to finish.
For degree programs with ADT agreements, the map presents the course plan from the Community College to CSUB.
What careers are associated with my major?
How can I complete my degree in a timely manner?
Academic Operations/Enrollment Systems

- Partnership between software developer (Consentic Sky/Instructure)
  - Onboarding (2 months)
  - Build maps (4-6 months from start)
    - 1st year most time consuming
    - Rollover/edit subsequent years
  - Developing the process to align with campus curricular review cycle
  - Identifying and training staff to complete the work
    - Connect faculty to build maps
    - Manage software
Campus Integration of Systems

Program Mapper
• Explore
• Clarify
• Engage

Education Planner (Smart Planner)
• Select
• Register
• Personalize

Degree Audit
• Verify
• Correct Course
• Graduate
2 Part Process:
Data and Authoring

- Data from Peoplesoft (Templates CSV file)
- Import to Authoring Tool: Build Maps
Building Maps

Edit Map
Kinesiology - Applied Exercise Science - Bachelor of Science

Map Builder: Preview

Alert: 3 issue(s)

Settings

Pathway: Required
Emphasis
Optional
Default Program Map
Map Status

from Bakersfield College
Emphasis
No
Public

2022 - 2023

2022 Term 1: Fall Year 3
Total Units: 15

MAJOR COURSES

Order  ID  Title                                                                 Units  Fulfillment Requirement
-------  ----  ---------------------------------------------------------------------    -----  --------------------------
1        KINE 3010 Measurement and Evaluation in Kinesiology                3      Major                      Remove
2        CUSTOM KINE Elective #1                                           3      Major                      Remove
3        KINE 3020 Psychology of Sport and Physical Activity              3      Major                      Remove
4        KINE 3040 Physiology of Exercise                                  4      Major                      Remove

Edit | add term before | add term after | remove term
Google Analytics (www.csub.edu/ppm)
Challenges with Implementation

• Campus wide implementation: students, professional advisors, faculty

• Systematic communication for updates/edits
  • Service Now

• Work done once year (developing user manuals)

• Getting updates in a timely fashion from Department Chairs
<table>
<thead>
<tr>
<th>Year</th>
<th>ADT Transfer on Guaranteed Pathway</th>
<th>ADT Transfer not on Guaranteed Pathway</th>
<th>Transfer with AA or AS</th>
<th>Transfer with no Degree</th>
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<td>2011-2012</td>
<td>105</td>
<td>442</td>
<td>404</td>
<td>525</td>
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<tr>
<td>2012-2013</td>
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<tr>
<td>2014-2015</td>
<td>147</td>
<td>459</td>
<td>509</td>
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<tr>
<td>2015-2016</td>
<td>67</td>
<td>373</td>
<td>695</td>
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<tr>
<td>2016-2017</td>
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<td>519</td>
<td>424</td>
<td>466</td>
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<tr>
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<td>2018-2019</td>
<td>269</td>
<td>288</td>
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<td>466</td>
</tr>
<tr>
<td>2019-2020</td>
<td>417</td>
<td>172</td>
<td>698</td>
<td></td>
</tr>
<tr>
<td>2020-2021</td>
<td>344</td>
<td>169</td>
<td>563</td>
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<tr>
<td>2021-2022</td>
<td>280</td>
<td>583</td>
<td>357</td>
<td></td>
</tr>
</tbody>
</table>
California Community College Transfer Enrollment by Top 10 Majors, College Year 2021-2022

- Psychology
- Business Administration
- Child, Adol & Fam Studies
- Sociology
- Criminal Justice
- Liberal Studies
- Kinesiology
- History
- English
- Biology

- ADT Transfer on guaranteed pathway
- ADT Transfer not on guaranteed path
- Transfer with AA or AS
- Transfer with no degree
CALIFORNIA COMMUNITY COLLEGE TRANSFER PERSISTENCE RATES, FALL 2018 WITHIN 2 YEARS

- **% Graduated**
- **% Enrolled**
- **% Not Graduated, Not Enrolled**

### ALL CCC TRANSFERS
- % Graduated: 45.2%
- % Enrolled: 35.8%
- % Not Graduated, Not Enrolled: 19.0%

### ADT TRANSFER ON GUARANTEED PATHWAY
- % Graduated: 58.4%
- % Enrolled: 27.1%
- % Not Graduated, Not Enrolled: 14.5%

### ADT TRANSFER NOT ON GUARANTEED PATHWAY
- % Graduated: 47.9%
- % Enrolled: 33.0%
- % Not Graduated, Not Enrolled: 19.1%

### TRANSFER WITH AA/AS
- % Graduated: 41.8%
- % Enrolled: 37.7%
- % Not Graduated, Not Enrolled: 20.5%

### TRANSFER WITH NO DEGREE
- % Graduated: 38.6%
- % Enrolled: 41.7%
- % Not Graduated, Not Enrolled: 19.7%
### California Community College Transfer Persistence Rates, Fall 2018 Within 3 Years

<table>
<thead>
<tr>
<th>Category</th>
<th>% Graduated</th>
<th>% Enrolled</th>
<th>% Not Graduated, Not Enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>All CCC Transfers</strong></td>
<td>68.6%</td>
<td>10.4%</td>
<td>21.0%</td>
</tr>
<tr>
<td><strong>ADT Transfer on Guaranteed Pathway</strong></td>
<td>79.5%</td>
<td>4.8%</td>
<td>15.7%</td>
</tr>
<tr>
<td><strong>ADT Transfer Not on Guaranteed Pathway</strong></td>
<td>67.4%</td>
<td>10.3%</td>
<td>22.3%</td>
</tr>
<tr>
<td><strong>Transfer with AA/AS</strong></td>
<td>66.8%</td>
<td>9.7%</td>
<td>23.5%</td>
</tr>
<tr>
<td><strong>Transfer with No Degree</strong></td>
<td>65.4%</td>
<td>15.0%</td>
<td>19.6%</td>
</tr>
</tbody>
</table>
# California Community College Transfer Persistence Rates, Fall 2018 Within 4 Years

<table>
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<tr>
<th>Category</th>
<th>% Graduated</th>
<th>% Enrolled</th>
<th>% Not Graduated, Not Enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>All CCC Transfers</td>
<td>74.9%</td>
<td>4.3%</td>
<td>20.8%</td>
</tr>
<tr>
<td>ADT Transfer on Guaranteed Pathway</td>
<td>83.1%</td>
<td>1.2%</td>
<td>15.7%</td>
</tr>
<tr>
<td>ADT Transfer NOT on Guaranteed Pathway</td>
<td>73.6%</td>
<td>5.7%</td>
<td>20.7%</td>
</tr>
<tr>
<td>Transfer with AA/AS</td>
<td>73.0%</td>
<td>3.5%</td>
<td>23.5%</td>
</tr>
<tr>
<td>Transfer with No Degree</td>
<td>73.6%</td>
<td>5.9%</td>
<td>20.5%</td>
</tr>
</tbody>
</table>
Initial Concerns Solved

- A high number of excess transfer units
- Course articulation challenges
- ADT validation challenges
- Disconnect and miscommunication between institutions
Remaining Challenges

Data sharing between institutions

Working to improve degree attainment
Next Steps

• Continuing to develop a systematic process for roadmap updates that align with curricular review
• Data to determine % of students on track and align with PPM
• Monitoring usage of PPM (Google Analytics)
• Building additional transfer maps from Bakersfield College
• Partner with other regional community colleges
• Review data – impact URM and closing equity gaps
Thank you!

Questions