Guided Pathways

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CCCAOE 2017 Spring Conference

CTE: Your Key to Equity & Access II

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The Challenge

- CCCs originally designed to increase access to public higher education at relatively lower costs than four-year institutions.

- A byproduct of this approach was the “cafeteria model,” a confusing menu of choices that students would have to navigate with little guidance and support.

- Recently, California has invested in many strategies to help students identify a major early on, have a clear outline of required courses, and receive consistent guidance and support. Despite these investments, student success across the system has experienced little improvement.

- Unfortunately, only about half of degree-seeking students achieve their educational goal. For Latinos and African-Americans, the rate is even lower.
The Challenge

**Bold changes** are needed to **improve** completion rates, **narrow the achievement gap** and **keep pace** with an economy that is increasingly demanding more college-educated workers.
Following the 2010 passage of SB 1143 (Liu) the Student Success Task Force was created.
In its 2012 report, “Advancing Student Success in California Community Colleges,” the Student Success Task Force had 22 recommendations, including creating:

“Structured pathways to help students identify a program of study and get an educational roadmap to indicate appropriate courses and available support services.”
Enter Guided Pathways

The Guided Pathways framework creates a highly structured approach to student success that:

- Provides all students with a set of clear course-taking patterns that promotes better enrollment decisions and prepares students for future success.
- Integrates support services in ways that make it easier for students to get the help they need during every step of their community college experience.
What’s Different Here?

“Guided Pathways” represent a comprehensive approach to improving student completion

• Focus is on institutional transformation
• Provides an overarching framework to integrate diverse initiatives & reforms underway
• Brings together evidence-based practices into a more coherent whole
• Emphasis is on interventions that work at scale
• Keeps students at the center of the (re)design process
Four Pillars of Guided Pathways

1. Create Clear Curricular Pathways to Employment and Further Education
2. Help Students Choose and Enter Their Pathway
3. Help Students Stay on Their Path
4. Ensure that Learning Is Happening with Intentional Outcomes
Key Elements of Guided Pathways

- **Programs that are fully mapped out and aligned** with further education and career advancement while also providing structured or guided exploration for undecided students.

- **Proactive academic and career advising** from the start through completion and/or transfer, with assigned point of contact at each stage.

- **Early alert systems** aligned with interventions and resources to help students stay on the pathway, persist, and progress.

- **Redesigning and integrating basic skills/developmental education classes** to accelerate students to college-level classes.

- **Structured onboarding process** including improved placement tests and co-requisite instruction that provide students with clear, actionable, and usable information they need to get to the right start in college.

- **Instructional support and co-curricular activities** aligned with classroom learning and career interests.
What Guided Pathways Means for Students

- Less confusion and much more clarity
- More guidance (especially for undecided students)
- Accelerated time to and greater likelihood for completion as a result of
  - Improved placement
  - Basic skills/developmental education reform
  - Less “wasted credits”
- Improved chances for transfer and career placement
GENERAL EDUCATION REQUIREMENTS
(Select 12 courses from this list of more than 300)

Basic Liberal Studies Requirements: [2 courses must include the Diversity (D) overlay]

English Communication: 6 credits; 3 credits must be in a writing course
- Writing (WC): ELS 112, 112 (nonnative speakers); HPR 326; WRT 104, 105, 106, 201, 227, 235, 302, 303, 364(D), 305(D), 333.
- General (GC): COM 100(D), 110(D); LB 120; PHL 101.

Fine Arts and Literature (A): 5 credits; 3 credits in Fine Arts and 3 credits in Literature
- Fine Arts: ART 120(D), 251(D), 252(D); ART 101, 207, HLM 101(D), 203(D), 204(D), 205(D); HPR 105, 124, 201, A202A; 324; LAR 201, MUS 101(D), 106(D), 111, 295(D), 297(D); PLS 223; SPA 320(D); THE 100, 181, 351(D), 352(D), 381, 382, 383.
- Literature: AAF 247(D), 248(D), CLA 391(D), 395(D), 396(D), 397(D); CLS 160(D), ENO 110(D), 160(D), 243(D), 243(D), 244(D), 247(D), 248(D), 251(D), 352(D), 260(D), 262(D), 263(D), 264(D), 265(D), 280(D), 280(D), 302(D), 302(D), 304(D), 317(D), 355(D), 357(D), 358(D); FRN 391(D), 310(D), 320(D), 391(D), 392(D), 393(D); HPR 105, 125, 201A, 202A; RUS 391(D), 392(D); SPA 305(D), 306(D), 307(D), 308(D), 309(D), 310(D), WMS 317(D).

Language/Culture (LC): 6 credits
- Demonstration of competence through the intermediate level by examination or successfully completing through 104 (living language) or 302 (classical language)
- Two-course sequence (or one course at the 111 level) in a previously studied language through the appropriate level (all D): ARB 103, 104; CHN 103, 104; FRN 103, 104; GER 103, 104; CRK 301, 302; HBW 103, 104; ITL 103, 104, 111; JPN 103, 104; LAN 191, 194; LAT 301, 302; POR 103, 104; RUS 103, 104; SPA 103, 104, 111, 113, 210.
- Two-course sequence (or one course at the 111 level) in a language not previously studied (or studied for less than two years in high school) through the beginning level: ARB 101, 102; CHN 101, 102; FRN 101, 102; GER 101, 102; CRK 101, 102; HBW 101, 102; ITL 101, 102; JPN 101, 102; LAN 191, 192; LAT 101, 102; POR 101, 102; RUS 101, 102; SPA 101, 102.
- Study abroad in an approved program for one semester
- Major in a foreign language
- Formerly registered international students, students with recognized immigrant status, or naturalized citizens (at Dean’s discretion)
- Two courses in Cross-Cultural Competence: CPL 300(D), FRN 309(D), 310(D), 320(D), 391(D), 392(D), 393(D); HIS 132(D), 171(D), 172(D), 180(D), 31(D), 317(D), 374(D), 375(D); HPS 201, 202; LET 151(D), 151Q(D), 151Q(D), NRS 300, PHL 331(D); RLS 131(D), SPA 320(D), TMD 224(D); six credits of a full-semester approved Intercultural Immersion in a foreign country through the Office of Internships and Experiential Education

Letters(L): 6 credits
- AAF 150(D), 201(D), 203(D), 35(D), 356(D), AG 327; BIS 392(D), CLS 160(D), 235; EGR 310(D), ENG 110(D), 160(D), 234(D), 251(D), 252(D), 280(D), 355(D), 356(D); FRN 391(D), 392(D), 393(D); HIS 111, 112, 113(D), 114(D), 116, 117, 118(D), 130(D), 132(D), 141(D), 142(D), 145(D), 146(D), 156(D), 160(D), 171(D), 172(D), 180(D), 264, 305, 310(D), 311(D), 314, 323(D), 327(D), 332(D), 333(D), 334(D), 341(D), 346(D), 347(D), 351(D), 355(D), 356(D), 357(D), 375(D); HPR 107, 201L, 202L, 307; JOR 110(D); LAR 202(D); LET 151(D), 151Q(D), 151Q(D), NUR 300(D); PHL 101, 103, 204, 210(D), 211(D), 215, 217(D), 235, 236, 238, 239, 241, 243, 245, 247(D), 248(D), 249(D), 250(D), NRS 300, PHL 331(D), RLS 111(D), 125, 126, 131(D), WMS 220(D), 313(D), 320(D).

Mathematics(MO): 3 credits satisfied by MTH 141

Natural Sciences(N): 6 credits; satisfied by PHY
- AM 190, 210, 211; APG 201(D); MAT 108, 118; AMS 101(D); BCN 150; BIO 101, 102, 105, 106, 288(D); BPS 201; CHPM 109, 110, 110, 112; GEO 100, 102, 103, 110, 113, 120; HPR 109, 201N, 202N; MIC 190; NIS 207; NRS 150; OGD 110, 125, 131; PHY 109, 111, 112, 140, 182, 185, 203, 204, 205, 273, 274, 275, 285, 286, 287; PLG 100, 190; TMD 113.

Social Sciences(S): 6 credits
- APG 200(D), 202, 203(D), 301(D); CPR 202(D); EGR 100(D), 201, 202, 306, 381(D); EDC 102(D); ELC 103, 310, 356; GTG 101(D), 104(D), 202(D); HDF 223; HPR 101(D), 201, 202; HVS 100; IOR 110(D); KIN 123(D); LUN 200(D); MAP 100; NUR 120(D), PSC 113(D), 116(D), 118(D), 268; PSY 103(D), 222(D), 232(D), 233(D), 234(D), 254(D), 255(D); SOC 100(D), 212(D), 213(D), 240(D), 242(D), 274(D); TMD 224(D), WMS 150(D).
CAREER + ACADEMIC COMMUNITIES at St. Petersburg College

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CHART YOUR PATH BUILD YOUR FUTURE

MEDIAN FIRST-YEAR EARNINGS

- CAREER CERTIFICATE: $34,210 to $44,770
- ASSOCIATE OF SCIENCE DEGREE: $43,676 to $45,962
- BACHELORS DEGREES: $41,420 to $47,480

EDUCATION

- SAMPLE CAREERS: Early Childhood Teacher, High School Teacher, Teacher Aide
- MEDIUM EARNINGS: $48,100 to $50,000

ENGINEERING, MANUFACTURING, AND BUILDING ARTS

- SAMPLE CAREERS: Electrical and Mechanical Technicians, Manufacturing Technicians
- MEDIUM EARNINGS: $42,700 to $44,000

HEALTH SCIENCES AND VETERINARY TECHNOLOGY

- SAMPLE CAREERS: Physical Therapist Assistant, Veterinary Technicians
- MEDIUM EARNINGS: $29,000 to $35,000

PUBLIC SAFETY, POLICY AND LEGAL STUDIES

- SAMPLE CAREERS: Police Officer, Paralegal
- MEDIUM EARNINGS: $32,000 to $40,000

SCIENCE AND MATHEMATICS

- SAMPLE CAREERS: Biotechnologist, Math Professor
- MEDIUM EARNINGS: $39,000 to $45,000

COMMUNICATION

- SAMPLE CAREERS: Journalist, Broadcast Technician
- MEDIUM EARNINGS: $35,000 to $42,000

BUSINESS

- SAMPLE CAREERS: Accountant, Financial Analyst
- MEDIUM EARNINGS: $40,000 to $45,000

TECHNOLOGY

- SAMPLE CAREERS: IT Specialist, Web Developer
- MEDIUM EARNINGS: $45,000 to $50,000

ARTS AND HUMANITIES

- SAMPLE CAREERS: Painter, Poet
- MEDIUM EARNINGS: $29,000 to $36,000

SCHOOL / PERSONAL SERVICES

- SAMPLE CAREERS: School Administrator, Child Care Worker
- MEDIUM EARNINGS: $25,000 to $32,000
Show Students Their Path

D. Jenkins & R. Johnston

Your pathway to success

Follow this checklist to set and achieve clear career goals

Engineering Technology A.S. (ENG-AS)
Biomedical Systems, with embedded
Medical Quality Systems Certificate (MEDQCT) and
Engineering Technology Support Certificate (ENGTECH CT)

SPC St. Petersburg College

0 TO 15 CREDITS
- Visit Career Services & complete placement tests
- Research careers & research using ACS & ENTEQ
- Explore degree options & requirements
- Work with Academic Advising to create a AES
- Familiarize yourself with MySPC, MyCourses & SP Email
- Volunteer & join Student Government in a club
- Start a basic resume
- Locate scholarship opportunities

ETI 1020
REGULATORY ENVIRONMENT FOR MEDICAL DEVICES
ETI 2010
RISK MANAGEMENT AND ASSESSMENT FOR MEDICAL DEVICES
ETI 3020
CHANGE CONTROL AND DOCUMENTATION
ETI 3070
QUALITY AUDITING FOR MEDICAL DEVICES
CSS 1010
BASIC COMPUTER AND INFORMATION LITERACY
ENG 1030
COMPOSITION I

16 TO 30 CREDITS
- Confirm degree plan matches career goal
- Modify My Learning Plan (MLP) if needed
- Add Volunteer Activities & Clubs to resume
- ACS Programs: Attend events related to program & prepare for industry certifications & exams
- AAS Program: Determine transfer institution
- Make an advising appointment
- Visit Career Services to discuss work-based learning opportunities

ETI 1701
INDUSTRIAL SAFETY
ETI 2010
CONCEPTS OF LEAD AND ORIGINATION
MAT 1033
INTERMEDIATE ALGEBRA
MAC 1105
COLLEGE ALGEBRA

31 TO 45 CREDITS
- Gain experience in your field (volunteer/internship)
- Build relationships and practice interviewing
- Create LinkedIn Profile & clean up your online presence
- Complete all required courses for credit w/ internship
- Make plans for transfer or planning at SPC
- Complete degree audit with an advisor
- Update My Learning Plan and resume

ETI 1200
MANUFACTURING PROCESSES AND MATERIALS
ETI 1620
DEVELOPING & COACHING SELF-DIRECTED WORK TEAMS
ETI 2080
CO-OP WORK EXPERIENCE
ETI 3040
INTRODUCTION TO ELECTRONICS
ETI 1110
INTRODUCTION TO QUALITY ASSURANCE

ETI 1420
MANUFACTURING PROCESSES AND MATERIALS
ETI 1620
DEVELOPING & COACHING SELF-DIRECTED WORK TEAMS
ETI 2080
CO-OP WORK EXPERIENCE
ETI 3040
INTRODUCTION TO ELECTRONICS
ETI 1110
INTRODUCTION TO QUALITY ASSURANCE

SPC 1077
INTRODUCTION TO SPEECH COMMUNICATION
PH 1600
STUDIES IN APPLIED ETHICS
ETM 1000
MECHANICAL MEASUREMENT AND INSTRUMENTATION
ETD 1000
INTRODUCTION TO CAD
PSC 2041
AMERICAN NATIONAL GOVERNMENT
FAM 2290
HUMANITIES EASTern EUROPE

SPC 1077
INTRODUCTION TO SPEECH COMMUNICATION
PH 1600
STUDIES IN APPLIED ETHICS
ETM 1000
MECHANICAL MEASUREMENT AND INSTRUMENTATION
ETD 1000
INTRODUCTION TO CAD
PSC 2041
AMERICAN NATIONAL GOVERNMENT
FAM 2290
HUMANITIES EASTern EUROPE

46 TO 60 CREDITS
- Research jobs & companies
- Get references/letters of recommendation
- Complete a graduation check w/ advisor
- Apply for graduation or continuing with SPC
- Submit all necessary documentation for transfer

Total Program Credits: 60
Total Pathway Credits: 64

SPC St. Petersburg College

SPC St. Petersburg College

SPC St. Petersburg College

spccollege.edu/careerservices | Twitter @SPC_careers
# Simplifying Programs with Default Options (Biology)

## First Semester

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>BIOL B3A</td>
<td>General Biology I</td>
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<tr>
<td>CHEM B1A</td>
<td>General Chemistry I</td>
<td>5.0</td>
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<tr>
<td>ENGL B1A</td>
<td>Expository Composition or Humanities elective</td>
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## Second Semester

<table>
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<th>Course Number</th>
<th>Title</th>
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<tbody>
<tr>
<td>BIOL B3B</td>
<td>General Biology II</td>
<td>5.0</td>
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<tr>
<td>CHEM B1B</td>
<td>General Chemistry and Chemical Analysis</td>
<td>5.0</td>
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<tr>
<td>ENGL B2</td>
<td>Advanced Composition and Critical Thinking or Critical Thinking and Advanced Composition</td>
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<tr>
<td>PHIL B9</td>
<td>Critical Thinking and Advanced Composition</td>
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## Third Semester

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
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<tbody>
<tr>
<td>MATH B6A</td>
<td>Analytic Geometry/Calculus I</td>
<td>4.0</td>
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<tr>
<td>PHYS B2A</td>
<td>General Physics-Mechanics and Heat</td>
<td>4.0</td>
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<tr>
<td>COMM B1</td>
<td>Public Speaking or Humanities elective</td>
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<tr>
<td></td>
<td>Social or Behavioral Science elective</td>
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## Fourth Semester

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<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH B6B</td>
<td>Analytic Geometry/Calculus II</td>
<td>4.0</td>
</tr>
<tr>
<td>PHYS B2B</td>
<td>General Physics-Sound, Light, Electricity, Magnetism, Modern Physics</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>Art or Humanities elective or Behavioral Science elective</td>
<td>3.0</td>
</tr>
</tbody>
</table>
Assessment and placement as an on-ramp to College

![Transfer-level Placement Graph]

<table>
<thead>
<tr>
<th>Course</th>
<th>Historic</th>
<th>MMAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>37%</td>
<td>59%</td>
</tr>
<tr>
<td>Math</td>
<td>26%</td>
<td>37%</td>
</tr>
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</table>
What Guided Pathways Means for California Community Colleges

• Integration, Integration, Integration

• Clarity for colleges in focusing classroom & support services

• Strategic Vision for CA Community Colleges – deliver the accountability / outcomes needed by the State

• Alignment with Administration and Legislative partners
## California Resources Supporting Student Success 2016-17

<table>
<thead>
<tr>
<th>Program</th>
<th>Funding</th>
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</thead>
<tbody>
<tr>
<td>Student Success and Support Program</td>
<td>$285 million</td>
</tr>
<tr>
<td>Student Equity Plans</td>
<td>$155 million</td>
</tr>
<tr>
<td>EOPS</td>
<td>$123 million</td>
</tr>
<tr>
<td>DSPS (disabled student services)</td>
<td>$115 million</td>
</tr>
<tr>
<td>Basic Skills Initiative</td>
<td>$50 million</td>
</tr>
<tr>
<td>CalWORKS Student Services</td>
<td>$44 million</td>
</tr>
<tr>
<td>IEPI</td>
<td>$28 million</td>
</tr>
<tr>
<td>Technology Projects (CAI/EPI)</td>
<td>$14 million</td>
</tr>
<tr>
<td>Fund for Student Success</td>
<td>$6 million</td>
</tr>
</tbody>
</table>
A National Movement
CA Guided Pathways

1. American River
2. Butte
3. Cabrillo
4. Canyons
5. Cosumnes River
6. Chaffey
7. Cuyamaca
8. LA Trade Tech
9. Long Beach
10. Miracosta
11. Modesto
12. Norco
13. Reedley
14. Rio Hondo
15. Riverside
16. San Joaquin Delta
17. Santa Ana
18. Santa Barbara
19. Southwestern
20. Yuba

National Project: American Association of Community Colleges (AACC)

Bakersfield College
Irvine Valley College
Mt. San Antonio College
California Guided Pathways Demonstration Project

- Institute-based model (AACC)
- $4.2 million funded by Gates and Teagle Foundations
- 20 CCCs selected via a competitive process
- Selected colleges will pay annual fee to participate
- Project runs from 2017 - 2019
State of California Approach

- Largest system of higher education in the nation
- The CA Strategy will be as unique as the state
- CA has resources – significant one-time and ongoing
R4S at Sierra College

- Winter 2016 - data disaggregation showed that 50% of SC students were dropping out every year
- Spring 2016 - Reengineering for Success (R4S) Task Force developed
- SC recognizes that implementing pathways is a “moral imperative”
- SC plans for graduation rates to double by 2021 as a result of improving student onboarding, remapping programs, and using predictive analytics for class scheduling
Skyline College Promise

- Comprehensive Diversity Framework
- “Facing the Brutal Facts” with “Fierce Urgency”

- Skyline Promise: 75% of students will
  “Get In, Get Through, Get Out . . . On Time!”

- Remove financial barriers: Promise Scholarship
- Address Remediation: Summer Scholars Institute;
  Multiple Measures; Co-Requisite instruction.
- Intrusive support services
- Offer courses when students need them
- Launch Guided Pathways in FA 2018
The Governor’s proposed budget of $150 million in one-time funds, in addition to ongoing resources, uniquely positions California to implement Guided Pathways on all CCC campuses.
California Guided Pathways Program

- State grant program
- $150 million in one-time funds available to all CCCs
- Up to 10% for technical assistance
- Progress towards Guided Pathways implementation expected to be made by early 2020s
California Guided Pathways Program

• Build on IEPI to create system infrastructure to support GPs
  • Capacity building for centralized professional development & technical assistance
• Integrations at all levels – Chancellor’s Office & colleges/districts
• Five Year Time Horizon
  • Colleges annual allocation dependent upon measure of progress in coordination with professional development and technical assistance resources
Institutional Effectiveness Partnership Initiative

http://iepi.cccco.edu/
Composition of Partnership

- CCC Chancellor’s Office
- College of the Canyons
- Academic Senate
- Foothill College
- Chabot-Las Positas CCD
- Representatives from 22 Statewide Organizations
- Success Center for California Community Colleges
ALL ON PLN

• Data Disaggregation
• Integrated Planning

• Strategic Enrollment Management (In Development)
RESOURCES

• Best Practices
• Emerging Practices
• Lynda
• Skillsoft
Next Steps for State Guided Pathway Program

• Await final action on state budget

• Assess colleges’ readiness to implement Guided Pathways reforms

• Develop and provide technical assistance to aid colleges where they are

• Determine indicators to ensure colleges are staying the course

• Evaluate activities – “is it working?”
Questions?

What excites you about Guided Pathways?

What concerns you about Guided Pathways?

What are the challenges to moving toward GPs?

How can we build on the all the work you’ve done?

What kind of support do you think your college would need to consider moving toward GPs? To begin implementing them?
Contact Information

IEPI/Guided Pathway ASK:

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California Based Initiatives

Clarify the Path

- Strong Workforce Program
- Priority Enrollment
- Dual Enrollment
- Student Equity Planning
- Student Transfer Achievement Reform Act (ADT)
- California Promise

Enter the Path

Basic Skills Initiative
- Education Planning Initiative
- Adult Education Consortium Program
- Prior Learning Credits
- Student Success Initiative
- Common Assessment Initiative
- Multiple Measures Assessment Project
California Based Initiatives

Stay on the Path
• College Scorecard
• Institutional Effectiveness Partnership Initiative (IEPI)
• Innovation Grants

Ensure Learning
• Online Education Initiative
• Strong Workforce Program
• Institutional Effectiveness Partnership Initiative (IEPI)