Guided Pathways

Jeff Spano
Institutional Effectiveness Partnership Initiative

Chase Fischerhall
Career Ladders Project
The Challenge

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

• Resulted in “cafeteria model,” a confusing menu of choices that students must navigate with often limited guidance and support.

• Systemwide strategic investments to help students realize their educational goals have not improved student success.

• Unfortunately, only about half of degree-seeking students achieve their educational goal; rate is even lower for African-American and Latino students.
Choosing a Major

Source: Career Ladders Project
Placement Rates by Race at 2-year Colleges

Placement into Developmental Sequence

- African American: 78%
- Low-Income: 76%
- Latino/a: 75%
- White: 64%
- High-Income: 59%

Chen & Simone, 2016
Dev Ed Throughput

Student Progression Through the Developmental Math Sequence

100% (63,650) Referred to 3+ Levels of Remediation

26% Did Not Enroll in Next Course

15% Level 3+ Course

7% Level 2 Course

4% Level 1 Course

2% Gatekeeper

11% Passed Gatekeeper Math

22% Did Not Pass/Complete Course

Source: CCRC
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 (ECw): ELS 112, 122 (conversational speakers); HPR 326; WRT 104, 105, 106, 201, 227, 235, 302, 303, 304(D), 305(D), 333.
- General (EC): COM 100(D), 110(D), LIB 130, PHL 101.

**Fine Arts and Literature (A):** 6 credits; 3 credits in Fine Arts and 3 credits in Literature
- Fine Arts: ARH 212(D), 251(D), 293(D); ART 101, 107; FILM 101(D), 203(D), 204(D), 205(D); HPR 105, 124, 201A, 202A, 324; LAR 201; MUS 101(D), 106(D), 111, 232(D), 293(D), FLS 223; SPA 320(D); THE 101, 181, 351(D), 352(D), 381, 382, 383.
- Literature: AAF 247(D), 258(D); CLA 391(D), 395(D), 396(D), 397(D); CLS 160(D), ENG 110(D), 160(D), 241(D), 242(D), 243(D), 257(D), 258(D), 259(D), 260(D), 302(D), 302(D), 303(D), 309(D), 317(D), 355(D), 357(D), 358(D); FRN 399(D), 310(D), 320(D), 391(D), 392(D), 393(D); HPR 105, 125, 201A, 202A; RUS 391(D), 392(D); SPA 360(D), 360(D), 307(D), 308(D); WMS 311(D).

**Language/Culture (FC):** 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 at the appropriate level (all D): ARB 103, 104; CHI 103, 104; FRN 103, 104; GER 103, 104; GRK 301, 302; HIBW 105, 106; ITL 103, 104, 111; JPN 103, 104; LAN 193, 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; CINE 101, 102; FRN 101, 102; GER 101, 102; GRK 101, 102; HIBW 101, 102; ITL 101, 102; JPN 101, 102; 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), 300(D), 316(D), 320(D), 361(D), 393(D), 393(D); HIS 132(D), 171(D), 172(D), 180(D), 311(D), 327(D), 347(D), 375(D), HPR 201P, 202F; LET 151(D), 151Q(D), 151(R); NRS 200, PHL 331(D), RLS 131(D); SPA 320(D), TMD 224(D); six credits of a full-semester approved Intercultural Internship in a foreign country through the Office of Internships and Experiential Education.

**Letters (L):** 6 credits
- AAF 150(D), 201(D), 355(D), 356(D); APL 327; BCS 392(D); CLS 160(D), 275; EGR 316(D); ENG 110(D), 160(D), 243(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), 136(D), 132(D), 141(D), 142(D), 145(D), 146(D), 150(D), 160(D), 171(D), 172(D), 180(D), 304, 305, 310(D), 311(D), 314, 323(D), 327(D), 332(D), 333(D), 340(D), 341(D), 346(D), 351(D), 355(D), 356(D), 374(D), 375(D); HPR 107, 201L, 202L, 307; JOR 110(G); LAR 292(D); LET 151(L), 151(Q), 151(R); NUR 360(D); PHL 101, 103, 204, 210(D), 212(D), 215, 217(D), 235, 314(D), 321, 322, 323(D), 325(D), 326(D), 331(D), 346, 355; PSC 341, 342; PSY 310; RLS 111(D), 125, 126, 131(D); WMS 226(D), 313(D), 320(D).

**Mathematics (MO):** 3 credits satisfied by MTH 141

**Natural Sciences (N):** 6 credits; satisfied by PHY
- ACS 100, 101, 211; AGC 201(D); AST 108, 118; AVS 101(D); BCH 198; BID 101, 102, 105, 106, 286(D); EPS 201; CIHM 100, 101, 103, 112, GEO 100, 102, 105, 110, 113, 120; HPR 109, 201N, 202N; MIC 196; NES 207; NRS 190; OCG 110, 123, 121; PHY 100, 111, 112, 140, 185, 186, 203, 204, 205, 273, 274, 275; PLS 150, 190; TMD 113.

**Social Sciences (S):** 6 credits
- AGS 200(D), 202, 203(D), 301(D); CPL 202(D); ECON 100(D), 201, 202, 306, 381(D); EDC 102(D); EEC 105, 310, 356; GEG 101(D), 104(D), 202(D); HDP 225; HPR 110(D), 203, 205, 238; HSS 130; JOR 110(D); KIN 123(D); LIN 200(D); MAP 100; NUR 100(D); PSC 113(D), 118(D), 274(D), 278; PSY 103(D), 113(D), 232(D), 235(D), 238(D), 255(D), 258(D); SOC 100(D), 212(D), 230(D), 240(D), 242(D), 274(D); TMD 224(D), 274(D).
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 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 “additional credits”

• Improved chances for transfer and career placement
Four Essential Practices of Pathways – “the Four Pillars”

1. Clarify paths to student end goals

2. Help students get on a pathway

3. Help students stay on path

4. Ensure that students are learning
Assessment and placement as an on-ramp to college

Transfer-level Placement

- English: 37% Historic, 59% MMAP
- Math: 26% Historic, 37% MMAP
## Simplifying Programs with Default Options

### Biology

#### First Semester

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL B3A</td>
<td>General Biology I</td>
<td>5.0</td>
</tr>
<tr>
<td>CHEM B1A</td>
<td>General Chemistry I</td>
<td>5.0</td>
</tr>
<tr>
<td>ENGL B1A</td>
<td>Expository Composition</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>Art or Humanities elective</td>
<td>3.0</td>
</tr>
</tbody>
</table>

#### Second Semester

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL B3B</td>
<td>General Biology II</td>
<td>5.0</td>
</tr>
<tr>
<td>CHEM B1B</td>
<td>General Chemistry and Chemical Analysis</td>
<td>5.0</td>
</tr>
<tr>
<td>ENGL B2</td>
<td>Advanced Composition and Critical Thinking -or- PHIL B9</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>Critical Thinking and Advanced Composition</td>
<td>3.0</td>
</tr>
</tbody>
</table>

#### Third Semester

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH B6A</td>
<td>Analytic Geometry/Calculus I</td>
<td>4.0</td>
</tr>
<tr>
<td>PHYS B2A</td>
<td>General Physics-Mechanics and Heat</td>
<td>4.0</td>
</tr>
<tr>
<td>COMM B1</td>
<td>Public Speaking</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>Art or Humanities elective</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>Social or Behavioral Science elective</td>
<td>3.0</td>
</tr>
</tbody>
</table>

#### Fourth Semester

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</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</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>Social or Behavioral Science elective</td>
<td>3.0</td>
</tr>
</tbody>
</table>
St. Petersburg College: An Example

Your pathway to success

Follow this checklist to set and achieve clear career goals

Engineering Technology A.S. (ENG-AS)

- Biomedical Systems (linked with embedded Medical Quality Systems Certificate (MEDQCS)) and Engineering Technology Support Certificate (EMTETSCT)

ETO120: REGULATORY ENVIRONMENT FOR MEDICAL DEVICES
ETO100: RISK MANAGEMENT AND ASSESSMENT FOR MEDICAL DEVICE
ETO257: CHANGE CONTROL AND DOCUMENTATION
ETO250: QUALITY AUDITING FOR MEDICAL DEVICES
CGS1010 BASIC COMPUTER AND INFORMATION LITERACY
ENG 1010 COMPOSITION I

0 TO 15 CREDITS

- Visit Career Services & complete placement exams
- Dispatch cores & research using SLS & EON
- Explore degree options & programs
- Work with Academic Advising to create a SLE
- Familiarize yourself with MySPC, MyCourses, & SPC Email
- Volunteer & join Student Government or a Club
- Start a basic resume
- Locate scholarship opportunities

ETO1701 INDUSTRIAL SAFETY
ETO2501 MEDICAL DEVICE DESIGN AND MANUFACTURING
MAT1033 INTERMEDIATE ALGEBRA
MAC1105 COLLEGE ALGEBRA

16 TO 30 CREDITS

- Confirm degree plan matches career goals
- Modify My Learning Plan (MLP) if necessary
- 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

SpC St. Petersburg College

Your pathway to success

ETO1401 MANUFACTURING PROCESSES AND MATERIALS
ETO1501 DEVELOPING & COACHING SELF-DIRECTED WORK TEAM
ETM1000 MECHANICAL MEASUREMENT AND INSTRUMENTATION
ETD1000* INTRODUCTION TO TECNICAL COMMUNICATION
ETO1000* INTRODUCTION TO QUALITY ASSURANCE

31 TO 45 CREDITS

- Gain experience in your field (lab/mentoring)
- Build relationships and practice interviewing
- Create LinkedIn Profile & clean up your online presence
- Complete all required courses for credit/non-credit
- Make plans for transfer or continuing at SPC
- Complete degree audit with an advisor
- Update My Learning Plan and resume

ETP1001 INTRODUCTION TO SPEECH COMMUNICATION
ETM1000 MECHANICAL MEASUREMENT AND INSTRUMENTATION
PCH201 MATERIALS AND THE SOCIETY

46 TO 60 CREDITS

- Research jobs & companies
- Get reference/letters of recommendation
- Complete a graduation check with SPC
- Check online class transfer or continuing with SPC
- Apply for graduation & order your cap and gown

46 TO 60 CREDITS

St. Petersburg College

Total Program Credits: 60
Total Pathway Credits: 66

D. Jenkins & R. Johnstone
So, how do Guided Pathways impact student outcomes?

Statistics from GSU, ASU, CUNY Guttman
Guided Pathways Case Study: GSU

Georgia State University Completion Rates

GSU Implemented Guided Pathways
- Meta-Majors
- Default Sequences
- Improved Developmental Education
- Integrated Student Supports
- Guided Exploration

Source:
Cohorts are defined by the academic year that the student enters ASU as a full-time freshman.
Guided Pathways Case Study: CUNY Guttman Community College

Percentage of students graduating with an Associates Degree within 2 years

28%

6.3% Nationally
California Guided Pathways Demonstration Project
California Guided Pathways Award 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
Questions?

What excites you about Guided Pathways?

What concerns you about Guided Pathways?

What are the challenges to moving toward GPs?

What are some questions you still have about GPs after seeing this presentation?