Building on Success The Essential Role
of Non-Credit in
Guided Pathways





Welcome & Introductions



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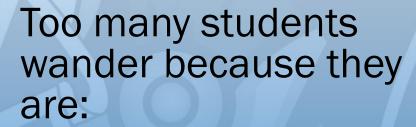
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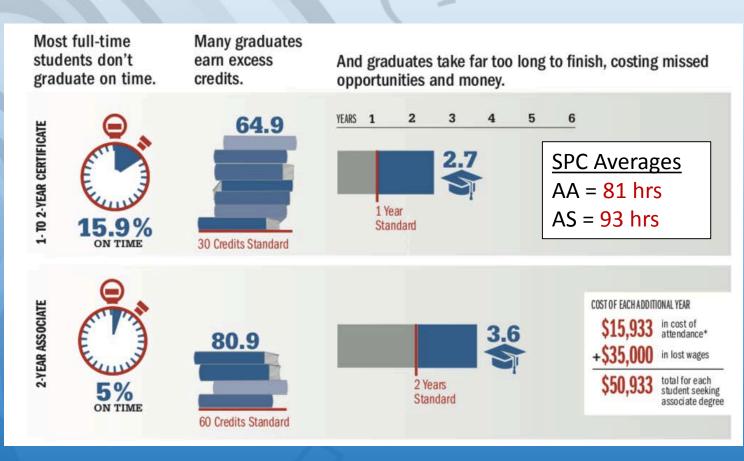
(727)-341-3118



Why Implement Pathways



- Undecided in regard to career goals
- Unaware of the elements of a chosen career
- Disconnected regarding the initial curriculum an Wenhavean ethical responsibility to serve all student populations.



Source: CCAA 4-Year Myth



• Pr

- Provides an alternative pathway to earn a credential
- Often shorter time
- Aligned to workforce needs / industry recognized
- Credentials are easily portable
- Can be developed quicker than traditional degree programs
- Can serve as stackable credential on-ramp to a degree program
- Expands to include HS and post HS paths

The Role of Non-Credit

Key to building equity and economic mobility

Focus on completion, while maintaining access.

This model has helped workforce training participants who were initially focused only on employment outcomes, see themselves as college students. . . And has helped them earn credits which kick-start their paths towards a college degree.

-Alissa Levine Kingsborough Community College



National Approach

"The key part of (the pathways) approach is to start with the end in mind...earning a credential that enables (students) to prepare for further education and/or advancement in the labor market."

--Davis Jenkins, Ph.D.
CCRC



New Students Want to Know

- What are my career options?
- What are the education paths to those careers?
- What will I need to take?
- How long will it take and how much will it cost?
- How much financial aid can I get?
- Will my credits transfer?



Returning Students Ask

- How far along am I toward completing my program? Am I on-schedule?
- How much more will I have to pay?
- What will I need to take next term and what will my scheduled be?
- What if I want to change programs?
- How can I get work experience in my field of interest?



Status Quo Pathways

- Little upfront career and college planning
- Too many choices; requirements confusing
- Paths unclear, poorly aligned with end goals
- Developmental diversion
- Students' progress not monitored
- Limited on-going feedback and support
- Poor alignment with HS and other feeders



Initial Impressions on GP

WHAT IS THE FIRST THING THAT COMES TO YOUR MIND WHEN YOU THINK ABOUT GUIDED PATHWAYS?

Text **COLABS** to **22333** once to join, then text your message

What is the first thing that comes to mind when you think about Guided Pathways?

Respond at **PollEv.com/colabs** Text **COLABS** to **22333** once to join, then text your message specialized sconfusing employment integration getting schievement restorative knowledge



Guided Pathways

- Default program maps
- ✓ Intake redesigned as an on-ramp
- "Exploratory" majors for undecided
- Academic support integrated into program gatekeeper courses (not just MATH & ENG)
- Progress tracking, feedback and support
- Bridges to college <u>programs</u> from high school and other feeders



Suggested Elements

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.



Redesigning and integrating basic skills/developmental education classes to

accelerate students to college-level dasses.



Proactive academic and career advising

from the start through completion and/or transfer, with assigned point of contact at each stage.



Structured onboarding processes including

improved placement tests and co-requisite instruction that provide students with dear, actionable, and usable information they need to get off to the right start in college.



Responsive student tracking systems

aligned with interventions and resources to help students stay on the pathway, persist, and progress.



aligned with dassroom learning and career interests.



Evolution of Pathways at SPC



Since 2010 SPC has focused its strategic efforts on student success using an intentional data-driven way to help students "Finish What They Start".



10 Year Timeline - Pathways at SPC

2010

Mandate to "Move the Needle"

2015

• Embedded Industry Certifications

2011

 Started The College Experience Support Initiatives

2016

• Career & Academic Communities

Milestones & Common 1st 15

2012

 Established Curriculum Philosophy and Values

2017

Revised Periodic Course Review

HS Articulations

2013

• Developed Program Outcomes

Mapped PLOs to Course Outcomes

2018

 Revised Career & Academic Community Milestones

HS Auto-Articulation

2014

• Developed Academic Pathways

• 9 weeks to complete the process

• 6 months to review and implement

2019

• Embedding Strategic Plan

 Re-aligning Courses to PLOs – introduced, practiced, mastered



Pathways Defined

"The Pathways Model is an *integrated, institution-wide* approach to student success based on intentionally designed, clear, coherent and structured educational experiences."



SPC's goal is to "help students finish what they start."



Begin with the Values

SDCE's Six Pillars

Poverty and Inequity In Education

IF SDCE EMBARKS ON A
JOURNEY TO USE
GUIDED PATHWAYS —
ONE THAT FOCUSES
UPON THE EQUITY
CONVERSATION — WHAT
VALUES SHOULD GUIDE
THE WORK?

Employment Security
Food Security
Housing Security
Textbook and Course Material Affordability
Intellectual and Emotional Security
Financial Literacy

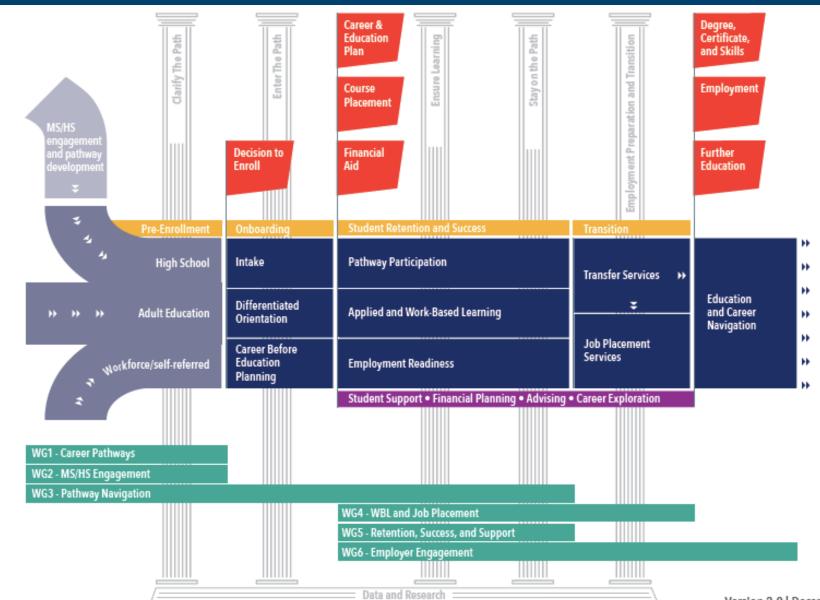
Text COLABS to 22333 once to join, then text your message

IF SDCE embarks on a journey to use Guided Pathways - One that focuses upon the Equity conversation - What values should guide the work?

Respond at **PollEv.com/colabs** Text **COLABS** to **22333** once to join, then text your message compassion best accessease inclusion end-user completed harm trust faculty business literacy empower al design thoughtful collaborative



Pathways Dimensions





Dimension 1: Clarifying the Path



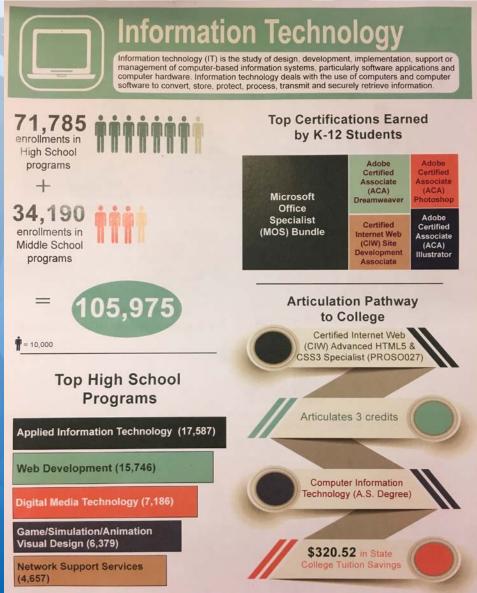
- Mapping programs "with the end in mind"
- Stack credentials
- Aligning course content and student learning outcomes – credit and non-credit
- Identifying milestone courses / events

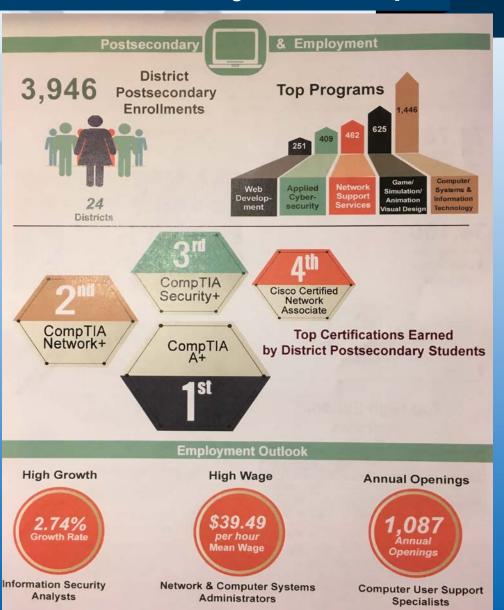






Map – State Articulated Pathway Example







Examples from Other Institutions

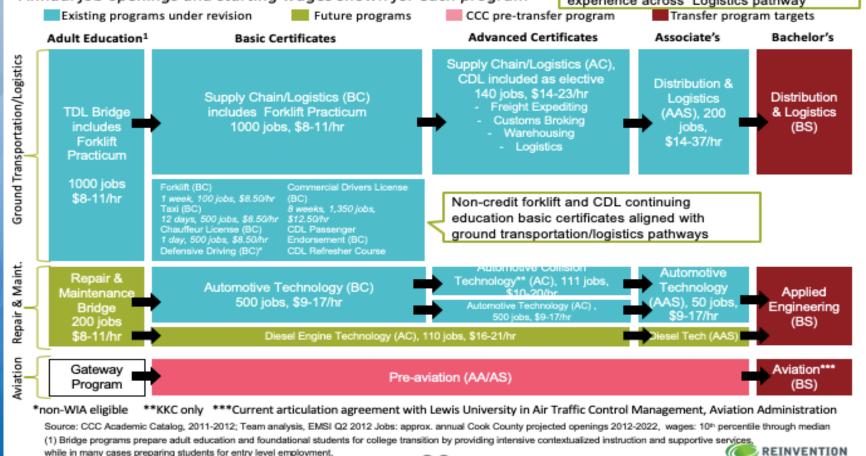
► Reviewed by industry partners

Example Pathway: TDL focus on warehousing, logistics, auto and diesel repair and transfer opportunities in aviation

110,000 job openings in Cook County projected over the next decade Annual job openings and starting wages shown for each program

CCC central store to offer hands-on experience across Logistics pathway

CCRC MTN 2014



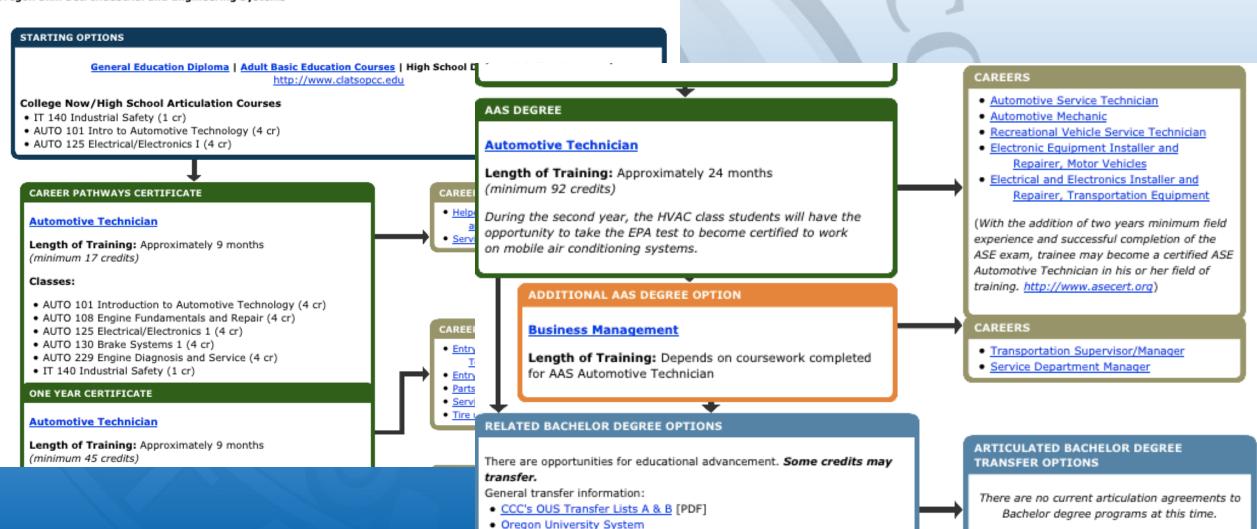
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Examples from Other Institutions

ClatsopCC CAREER PATHWAYS Automotive Technician

Pregon Skill Set: Industrial and Engineering Systems



Career Options





Align Content - Non-Credit Credentials

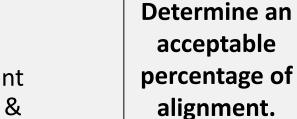
6. Build Internal/ External Articulations



Review Non-Credit
 Program/Credential
 Competencies & Other
 Requirements



5. Document & Gaps



80%



2. Identify credit course(s) that are aligned



4. Determine Where
There Is Clear
Alignment, Partial Gaps,
and Full Gaps



3. Compare to MLOs, Texts, and Assignments



Dimension 1: The "WHO"

WHO SHOULD BE INVOLVED IN CREATING GUIDED PATHWAYS?

Text COLABS to 22333 once to join, then text your message

- Program administrators: SACS, State, institutional requirements; student success rates across sections/campus
- Program faculty: Industry requirements; student success rates by course; writing/math-intensive courses; field experiences
- Advisors: Gateway courses; student feedback; general education requirements
- General education faculty: recommendations on general

Who should be involved in creating Guided Pathways?

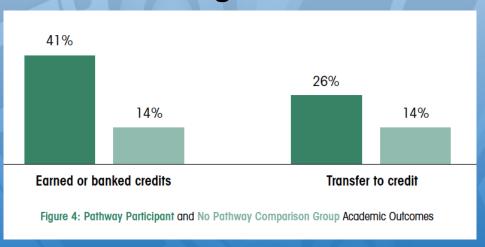
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school employees professionals organizations administrators parents student emoloyers OVErS famliamar/mesa industry line Scolabs community ctors instructors occurselors staff mirated professional classified customers



The "How" - Methods to Support this Work

Northeast Resiliency Consortium Achieving the Dream



- **1. Matriculation** internal articulation agreements with credit programs.
- 2.Internal PLA achievement of known industry certification credentials
- 3. External PLA use of a third party institution to review and establish credit equivalencies
- **4. Matriculation & PLA** –matriculate and demonstrate proficiency through portfolio, challenge exam, industry-recognized credential



Matriculation - Internal Articulations of Non-Credit

NON-CREDIT CROSSWALKS EXAMS

Figure 1: Course Articulations

Biomedical Devices- Workforce Institute Training		WI Credits training to be hours Awarded		Biomedical Engineering Technology Credit Equivalent		
BMD0184	Basic Electronics	48	3	EET 1084C	Introduction to Electronics	
BMD0214	Instrumentation	16	1	EET 1214C	Instrumentation and Control Systems	
BMD0142	Biomedical Technology and Techniques	48	3	EET 1412C	Technology and Techniques	
BMD0407	Survey of Biomedical Technology	48	3	ETS 1407	Survey of Medical Technology	
BMD0175	Technical Support Fundamentals	32	2	CET 1175C	Technical Support Fundamentals	
BMD0108	Introduction to Biomedical Engineering	32	2	BME 1008	Introduction to Biomedical Engineering	
Totals		224	14			

Ţ,							
	Biomedical	Biomed	Biomedical Engineering Technology Credit		Assessment Questions		
۱	Devices-		Equivalent				
	Workforce		-		loped by an accredited SPC		
ı	Institute			E	Biomedical Engineering		
I				Technology Instructor)			
ı	Training						
	BMD0184	EET	Introduction to Electronics	MLO	Question Number(s)		
ı	Basic Electronics	1084C	MLOs:	1	1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12,		
					14, 17, 18, 32, 34, 35		
			The student will				
			demonstrate an	2	6, 7, 8, 9, 10, 13, 15, 16, 19, 20,		
			understanding of direct		23, 33, 36, 37, 38		
			current (DC) circuits	3	38, 39,40,41,42		
			2. The student will	_	,,,		
			demonstrate an	4	5, 21, 22		
П			understanding of				
			alternating current (AC)	5	38, 47, 49, 50, 51, 52, 53		
ı			3. The student will				
			demonstrate an				
			understanding of				
			semiconductor devices				
			4. The student will				
			demonstrate an				
			understanding of linear				
			integrated circuits				
			5. The student will				
			demonstrate an				
			understanding of digital				
			electronic circuits				



Matriculation – Internal Articulation from HS

HS Career Pathway Programs CROSSWALKS

General Pharmacology for

	General Pharmacology for				
SPC Course Name	Health Professionals				
SPC Course Number	HSC 1149				
Crosswalk Completor	Katherine Woods	T is	st other parameters or conditions for a	rticulation approval (GI	PA portfolio program completio
Additional Articulation Requirements			The corresponding completed art		
Course-to-Course - Yes/No			nd approval.	er coso warn	for the program is available
Alignment Percentage	100%		ina approvar.		
Crosswalk Approval	Will Baldwin				
MLO Number	1a	1b			
FLDOE Florida Standard	13.01, 16.0104, 19.03	16.02,19.01, 19.03			
MLO Number	2a	2b	2c		
FLDOE Florida Standard	19.03	19.04	15.01, 18.07, 19.01, 21.08, 22.16		
MLO Number	3a	3b	3c	3d	3e
FLDOE Florida Standard	14.01-14.11, 18.01, 22.01	14.06, 14.09, 14.10, 14.11	14.01-14.11, 20.05	1402, 14.04, 14.05	15.01, 20.02, 20.10, 21.08

St. Petersburg College **Articulation Agreement Form**

List PCS Program(s)	List Corresponding SPC Program(s)
Pharmacy Technician (H170500)	A.S. Health Sciences

List PCS program course(s) and credits

List SPC equivalent(s) and credits

PTC Program	Hours	Course Name	Course #	Cr
Pharmacy Technician (H170500)	8602010	General Pharmacology for Health Professionals	HSC 1149	1

tion, etc.)

ble on OneDrive for review



Matriculation & PLA

INDUSTRY CERTIFICATION CROSSWALKS

Aligning Academic Major Learning Outcomes with Industry Certification Competencies						
Academ	ic Program-Plan:					
Industry Certification: CompTIA A+						
Courses needed to prepare for the Industry Certification: CET1171C					CET1172C	

1.3 Compare and contrast RAM types and features. CET (17) 2A

- - DDR
 - DDR2
 - DDR3
 - SDRAM
 - SODIMM
 - RAMBUS
 - DIMM
 - Parity vs. non-parity
 - ECC vs. non-ECC
 - · RAM configurations
 - Single channel vs. dual channel vs. triple channel
 - Single sided vs. double sided
- 1.3.2 RAM compatibility and speed

1.4 Install and configure expansion cards. /

1.4.1 Sound cards

Video cards

Network cards

Serial and parallel cards

•	CTI	1171	<u>_</u>	21
	CET	1121	C	40

220-801 1.0 PC Hardware 1.2 1.5 Differentiate between Install and configure storage Configure and apply BIOS Compare and contract RAM types Install and configure expansio therboard components, thei devices and use appropriate settings. and features. purposes, and properties. Course Name/Number CET1171C CET1171C CET1171C CET1171C CET1171C 4. The student will utilize documentation, software diagnostics, tools and parts to make 2. The student will determine which 2. The student will determine which repairs to microcomputer parts in a given microcomputer equipment following industry system are most likely to fail by: a system are most likely to fail by: a) system are most likely to fail by: a system are most likely to fail by: a) Major Learning Outcome (MLO) standard practices and safety describing microcomputer describing microcomputer describing microcomputer describing microcomputer procedures by: b) Using software mponents and their respective omponents and their respective components and their respective components and their respective diagnostic applications and mean-time-between-failures mean-time-between-failures mean-time-between-failures mean-time-between-failures demonstrating diagnostic methods to determine and correct microcomputer problems. Current assignments supporting

This is MESSY!!



Matriculation - Internal PLA

Internal Exams & Competency Based Portfolios / Tasks

Electrical Safety Competency Questions (10 points total, 2 points each)

Use an electrical safety analyzer and a medical device to

- 8. Demonstrate and document the results of the mains voltage test
- 9. Demonstrate and document the results of the ground resistance measurement
- 10. Demonstrate and document the results of the ground leakage test
- 11. Demonstrate and document the results of the chassis leakage test
- 12. Create a table that documents the test measurements for each condition, in your table include the NFPA 99/AAMI test standard maximum, and state whether the device passed or failed the test.

- 3. Use the internet to research and Identify one biome
 - Identify the technology the inventor created
 - Describe how the technology is used today ()
 - Describe how the evolution of the technolog
 - Describe the impact of the technology on he
 - Include a citation of the website that you for
- 4. In this situational question, you are working in a lab study. As part of testing procedure, you measure the that is measuring muscle activity. The frequency of time 0 you measure 1 V. Then you measure 2 V at 1 3, 3 v at 2 3, 4 v at 3 3, and many 3

V after 4 s. You must then

- a. Organize the data into table
- b. Organize the data into a graph
- c. Describe what is going on physiologically using the data



Key Learnings: Advice to Other Colleges

Shifting Paradigms:

- We had to get over thinking that we'd already done this
- Believing that this wouldn't work for our program
- The process provided a vehicle for crossprogram dialogue
- Involve everyone from the beginning; work in teams
- Engage in open discussion of multiple (student) scenarios



'The organized process helped us to see our programs from a different perspective.'



Embed

Events

Milestone

The "What" - Create Easy Visuals

Your pathway to success

Follow this checklist to set and achieve clear career goals

CISCO Certified Network Associate

CCNA Voice Certification

CET 1610

ROUTING

SPC St. Petersburg College

spcollege.edu/careerservices | Twitter #careerspc

35



Dimension 2: Help Students Choose a Path



- Embed intrusive advising in pathways
- Align advising with critical student choices and milestones
- Strengthen and clarify student-facing information about jobs/careers/transfer options

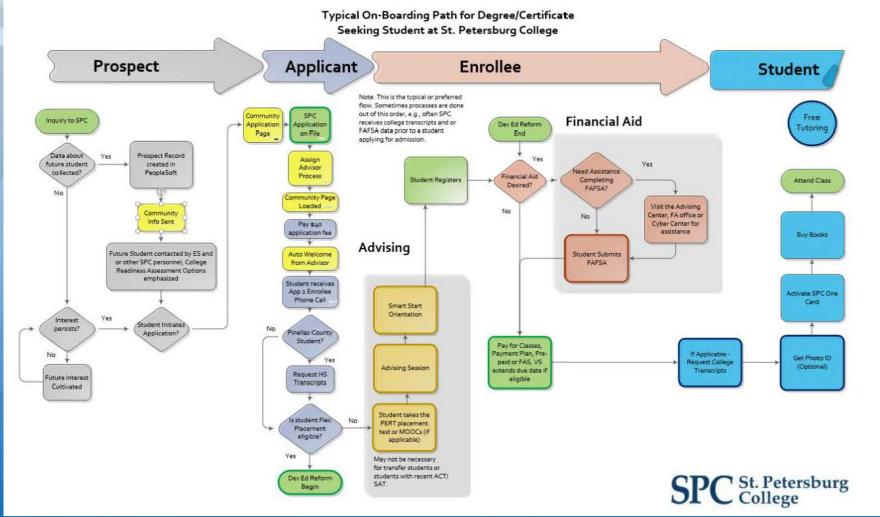


Dimension 2: Underlying Values

- Students come to college for a career, not for a piece of paper.
- Students, who can connect with their passion, will work harder and work through obstacles.
- It is just as important to know what students don't want to do as it is to know what they want to do.
- Students are more likely to respond to college messaging from teachers and staff that they know.



Intrusive Advising - On-Boarding





Development of the Advisor Role

Past Advisor Role

NEW Enhanced Advisor Role

Centralized Leadership

Course Selection Assistance

Classroom Visits

Empowered Decision making

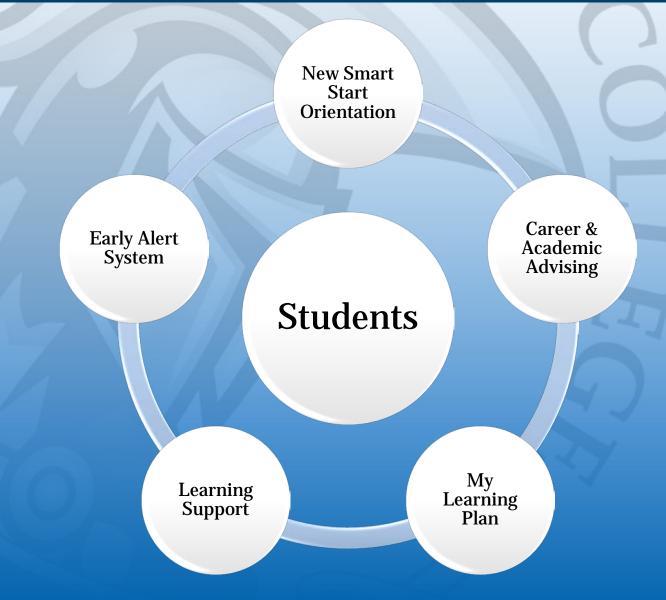
Career Development and Transfer/Job Placement Services

Retention & Case Management (outreach, early alerts, & intervention)

College resources instruction (Smart Start, MLP, etc.)



Increase the Scope of Impact





Align with Milestones

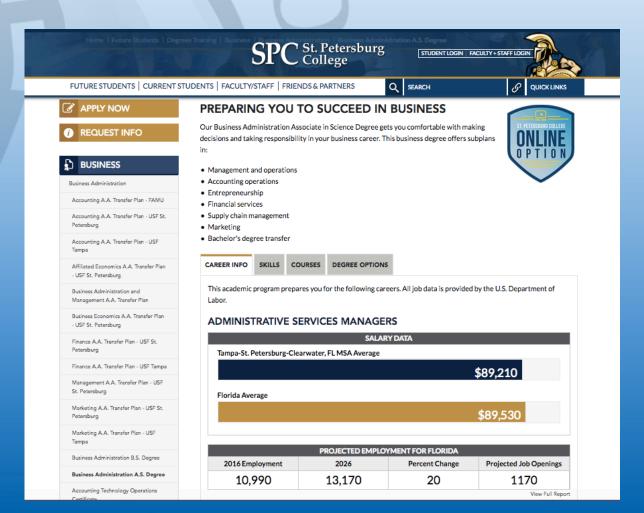
Public Facing Focus 2







Degree Website Information





Clarify Student-Facing Information

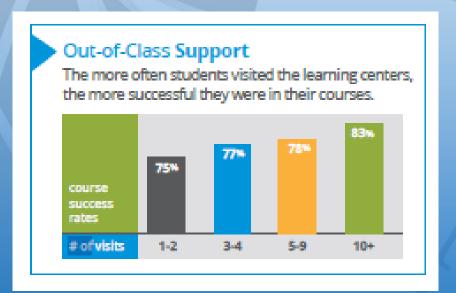
Students who are career-focused and engaged at the college are more successful.

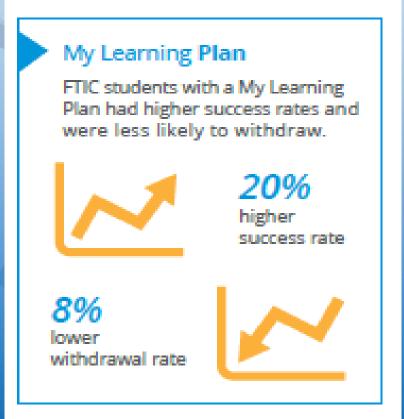
Integrated Career and Academic Advising

FTIC students who have identified a career are 10% more successful* in their classes than students who have not.



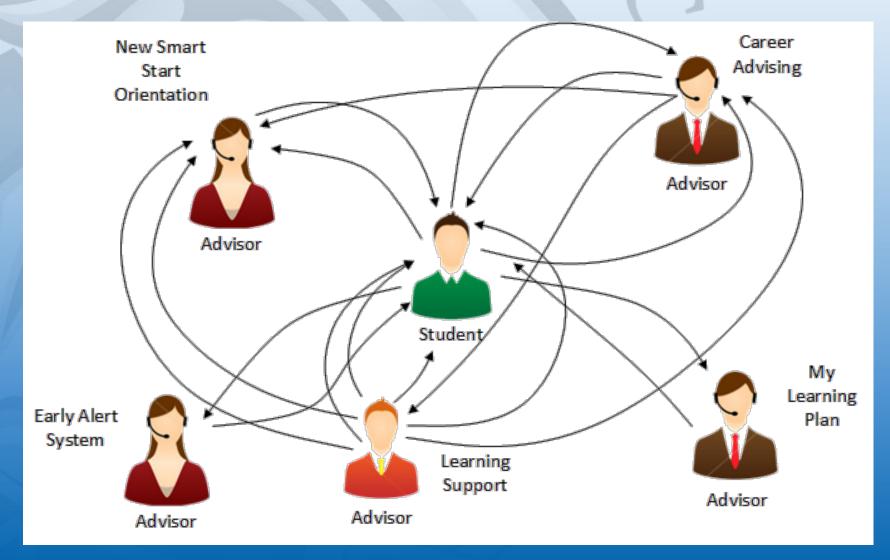
*Success is defined as earning a grade of A, B or C in a class





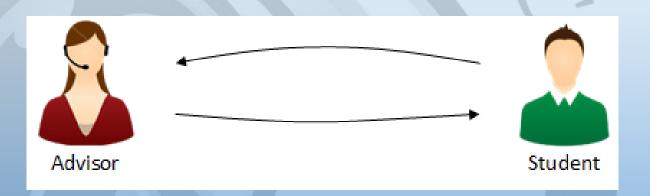


Clarifying Student-Facing Information





Case Managing through Communities



A holistic approach where Career and Academic Advisors, Faculty, and Learning Resources help students navigate through college life by promoting positive behaviors and connecting them to internal and external resources that support academic success.

FTIC Students

Students are assigned an advisor at the time of application.

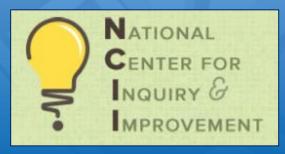
Current Students

Students are assigned an advisor based on home campus and current program.



Student Engagement & Career Connections

"Difference for successful groups of students? Someone monitors their progress, not letting them fall through the cracks."



Rob Johnstone

Virginia Student Success Leadership Institute 2016



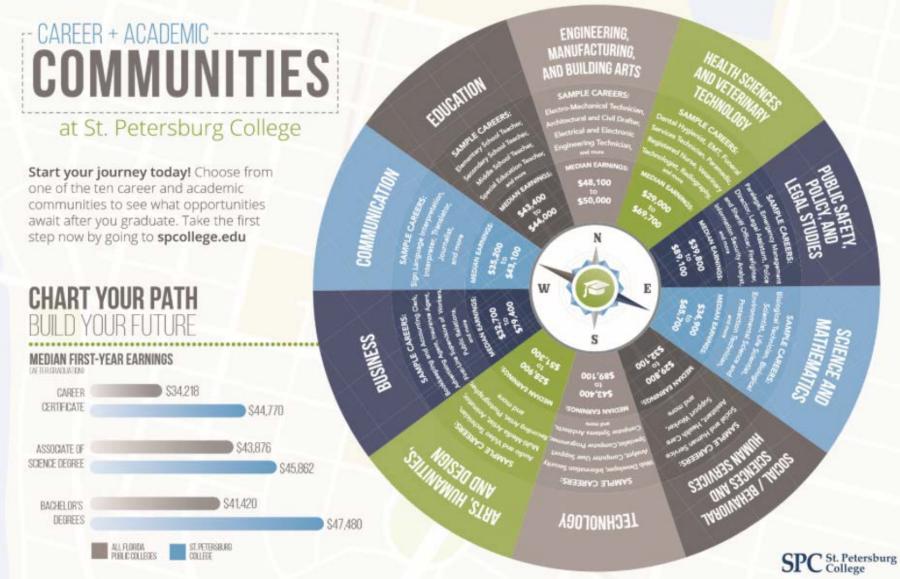
Dimension 3: Keep Students On a Path



- Define appropriate communication milestones encouragement and intervention
- Embed meaningful career and/or transfer skills
- Set policies for completing requirements and track student outcomes



Build Community

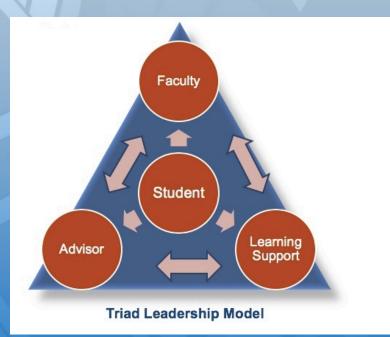




Triad Leadership Team Responsibilities

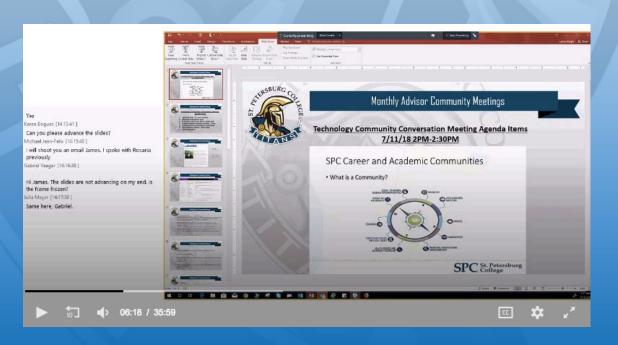


- Communication and Training
- Contextualization
- Milestone Events
- Captures the needs of all necessary departments across the college and supports the success of students within the communities.
- Ensures constant and comprehensive communication occurs with all TLT members, CAC members and the Pathways Council.
- Disseminates information from the Pathways Council and other meetings to the college community.





Training and Communication





→ Share
✓ Notifications

https://fb.me/g/2jocJVU5F/SmQ9Wi3c

Import

Add Member



Contextualization – Weekly Events

Industry Engagement





Internship Expo 2018



Original Milestones

Enrollment 0-25%

Focus 2

Community/Major Changes

My Learning Plan

Smart Start Orientation

Academic Standing

Success Rates

Learning Support visits

Registered for next term

Program Eligibility

Retention 26-75%

Transfer institution

Optimal Resume

Burning Glass

Registered for next term

Civic Engagement

Career Services Hub

Industry Site Visit

LinkedIn/Portfolio

Completion 76-100%

Internship

Portfolio

Resume

Attend Job Fair/ Job search

Apply to transfer

Graduation check



Set Policies on English & Math

FTEIC Gateway Math and English Completion

	Fall							
	2010	2011	2012	2013	2014	2015	2016	2017
Completed College Math in year 1								
	33.9%	36.8%	35.1%	38.6%	41.3%	45.2%	42.8%	45.0%
Completed College English in year 1								
	55.6%	56.7%	58.0%	60.7%	61.3%	65.8%	60.2%	61.6%
Completed both College Math and								
English in year 1	29.4%	32.3%	31.0%	34.5%	37.3%	40.6%	37.8%	40.0%

What gets measured gets done.



Dimension 4: Ensure Students are Learning



- Map program learning outcomes to career and academic pathway courses.
- Strengthen assessment by identifying where learning outcomes are introduced, practiced, reinforced and finally mastered with supporting documentation
- Faculty review pathways with feeder faculty on a regular basis
- Promote discipline-appropriate strategies for active & collaborative learning (e.g., service learning, group projects).
- Align discipline-appropriate co-curricular learning.



Periodic Course Review

The Essential Review Buckets

	IAI							
A	MLOs & Objectives	Learning Activities		Resources	A	ssessment Strategies		Program Learning Outcomes
	 How can MLOs/COs be measured? Do COs align with MLOs and course description? Do course assessments align with MLOs/COs (rubrics/checklist/criteria/tests)? SME review Industry expert involvement 	 Are assignments clearly identified? Is there evidence of active learning? Are instructions clear? Is learning scaffolded/sequenced? Are learning activities flexible? Do activities support MLOs/COs? 	•	Are resources clearly identified Are resources relevant? Are out-of-classroom resources identified (i.e. tutoring, IT, clubs, library)? Are accessible resources user friendly, inexpensive, diverse?	•	Are assessment strategies clearly identified? Do assessments have appropriate rigor (Introduce, reinforce, evaluate; Bloom's)? Are assessments authentic, varied & aligned to MLOs? Are strategies in line with industry expectations (where appropriate)?	•	How does this course fit into the bigger picture? Does the course align to PLOs? Does the course add value within the structure of the program?



Final Community Metrics

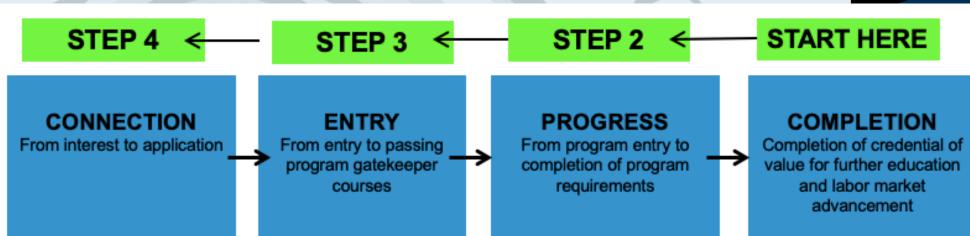
Program: Physical Therapy Assistant AS

0-25%							
Type Milestone To		Tool	Benchmark	Goal			
			All students who have been offered	100% of the new PTA students will attend the			
Student Service/Career	HEC health orientation	Admission Checklist	admission must attend orientation.	HEC health orientation.			
			All students are required to achieve a	75% of the students enrolled in PHT 1200 will			
Academic	Grade in PHT 1200 Introduction to Basic Patient Care	BI	minimum of a 78% in PHT 1200.	achieve an 82% or higher in this course.			

	26-50%							
Type Milestone			Benchmark	Goal				
Student Service/Career	Utilize NIP (New Initiative Program) resources			65% of students will utilize the NIP department resources during this time.				
Academic	Grade in PHT 1217 Physical Therapy Principles and Procedures			75% of the students enrolled in PHT 1217 will achieve an 82% or higher in this course.				



Start With the End in Mind



- Market program paths
- Build bridges from high school and adult ed. into program streams
- Require exploratory or "meta-majors" for undecided students
- Integrate basic skills instruction with program gatekeeper courses

- Clearly map out program paths
- Rethink advising around maps
- Use advising to monitor student progress, provide feedback and support as needed
- Align program outcomes with requirements for success in further education and the labor market

CCRC MTN 2014

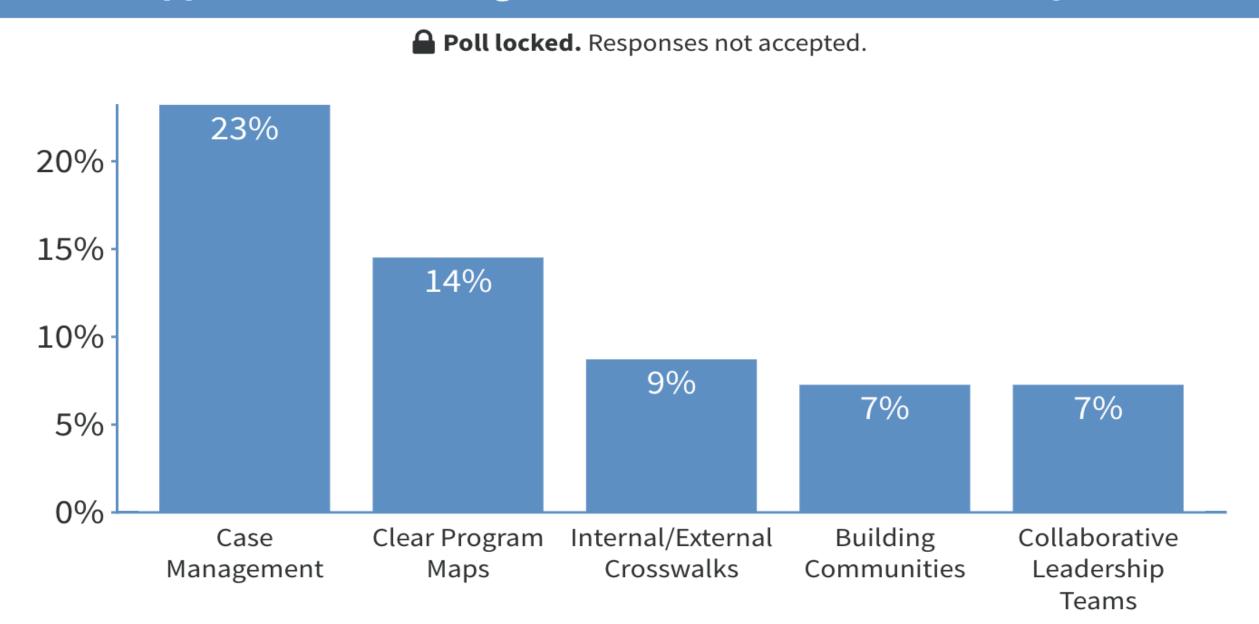


What Works?

Chose the Guided Pathways element that has the most potential to support the work being done at SDCE. I'll show the top 5.

Text **COLABS** to **22333** once to join, then text your message

Which of the following Guided Pathways elements has the most potential to support the work being done at SDCE? We'll show the top five.





Learning - The "Bigger" Picture

FOUR PERFORMANCE FUNDING METRICS

- Retention
- Completion

- Job Placement/ Continuing Education
- Entry Level Wages

	Purple (0)	Bronze (5)	Silver (18)	Gold (5)		
Funding Received	Plan for Base Funds Only		Base Funds & Prorated share of state investment	Base Funds & Prorated share of state investment & Redistributed Puple & Bronze funds		
Point Ranges	Less than 20 Points	20.0 to 29.01 Points	29.02 to 37.78 Points	37.79 to 40 Points		

Gold Extra Redistributed Amount = \$



Learning – Align Your Strategic Plan

ECONOMIC MOBILITY

3-Year Strategic Goals

Strategic Goals

- 1. Deliver responsible program planning aligned with jobs and student goals
- 2. Increase strategic connections by partnering with educational institutions, businesses, and community resources
- 3. Prepare students for in-demand careers as defined by local workforce

Increase Job Placement / Continuing Education Rate from 95.6%

Target = 96.0%

Increase Student Enrollment in Workforce Institute Classes from 4,309. Target = 6,032

Increase Degree and Certificate Completers from 7,698.

Target = 8,200

2018-19 Focus Areas

Retention

- 1. New business partnerships
- 2. New Program development

Recruitment

- Increase articulated high school credit
- 2. Develop recruiting partnerships with community organizations: YMCA, HeadStart, R'Club, YearUp, TSIC
- 3. Partner with Workforce Institute to increase articulated non-credit coursework

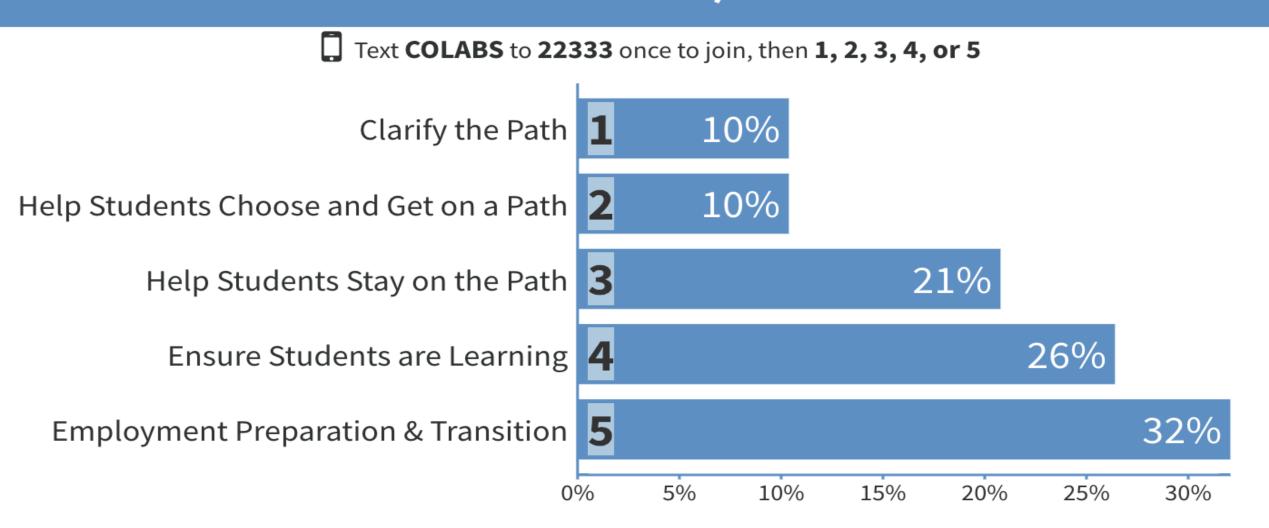


Where do you fit in?

Where does the work you do at SDCE best fit into the Guided Pathways dimensions? (You can choose more than one.)

Text **COLABS** to **22333** once to join, then text your message

Where does the work you do at SDCE best fit into the Guided Pathways Dimensions? (You can choose more than 1.)





QUESTIONS???

