

Becoming an Employer-Responsive Institution



**We help schools
support students
from enrollment to
graduation and beyond**

➤ **ROOTED IN RESEARCH**

7,500+ Peer-tested
best practices

500+ Enrollment innovations
tested annually

➤ **ADVANTAGE OF SCALE**

1,500+ Institutions
served

4 M+ Students supported
by our SSMS

➤ **WE DELIVER RESULTS**

95% Of our partners continue
with us year after year,
reflecting the goals we
achieve together

➤ Find and enroll your
right-fit students

➤ Support and graduate
more students



➤ Prepare your institution
for the future

Paving Pathways to Excellence

Strengthening Our Position in an Evolving Education Ecosystem

3

Drivers of Change



Risk in Relying
on Tuition
Revenue



Overcoming
Geography as
Destiny



Federal and State
Policies Inadequately
Capture CC Needs



Rise of Riskier Models
Threatens Market
Share

Community College at the Nexus



K-12
Education



Community
Organizations
and Policy
Makers

Community College President, Chancellor, Board

- How do we strengthen our position in the education ecosystem?
- How do colleges reclaim their place as central to economic vitality, upward mobility, and civic engagement?



Employers
and the
Workforce



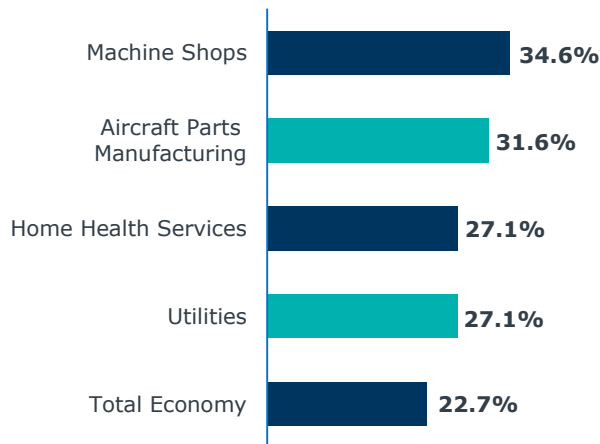
Four-Year
Institutions

The Middle Skills Challenge

Employers Demand a New Generation of Worker

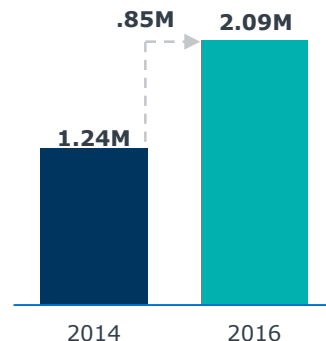
Middle Skill Boomer Retirements Loom...

Percent of Workforce Over 55



...As Market Demand Spikes

Job Postings Stipulating Associate's Degrees



40%

Percent of employers
saying they had difficulty
filling roles in 2016

46%

Percent of worker
activities at threat
of automation

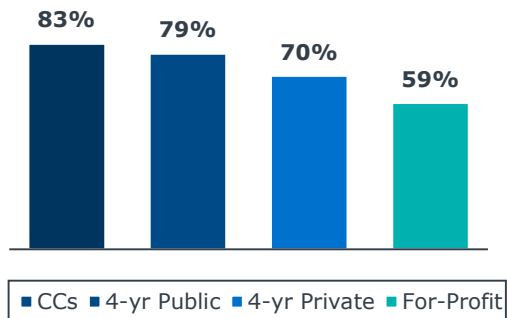
Source: PwC, "The Talent Challenge: Harnessing the Power of Human Skills in the Machine Age," 2017; Hanc J, "With Innovation, Colleges Fill the Skills Gap," June 7 2017, *New York Times*, <https://www.nytimes.com/2017/06/07/education/with-innovation-colleges-fill-the-skills-gap.html?mcubz=2>; Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Employment Statistics*; Burning Glass Labor/Insight™; Manyika et al, McKinsey Global Institute, *A Future that Works*, Jan 2017; EAB interviews and analysis.

The Two-Year Solution

Pressure Is On to Close the Gap

Stronger Links Between College and Workforce Development...

Percent of Respondents Agreeing that Institutions Contribute to a Strong American Workforce



**The
New York
Times**

"With Innovation, Colleges Fill the Skills Gap"

FORTUNE

"What Will Actually Make America Great Again"

...Reflected in Strategic and Operational Goals

71%

Percent of community college mission statements explicitly referencing "economic" or "workforce development"

68%

Percent of community colleges elevating workforce development to cabinet

President's Dilemma

Partnerships Must Meet Mission and Margins

Multiple Perspectives on Next Actions



President

"The board needs me to get personally involved in building employer relationships, but I feel stretched thin already."



VP Workforce

"I know we can help more employers in our region, but until we start moving faster internally, I don't have the capacity to meet their demands or retain their business."



CBO

"I'm in favor of the mission, but our partnerships are losing money. We need to go back to proven enrollment strategies in today's budget climate."

Where We Agree: Need to Make Margins

"We don't have extra money sitting around, so we need our corporate partnerships to have at least a 25% margin. We need those funds to support innovative initiatives or risk falling behind in the crowded Houston market."

*Steve Head
Chancellor
Lone Star College System*



The New (Old) Workforce Mission

What We Mean by “Employer-Responsive”

Topics for Another Day

Launching apprenticeship programs

Experiential learning

Prior Learning Assessment

Credit to non-credit transfers

Local workforce needs assessments

Career counseling

Today's Topics of Focus

How do we generate financial returns from bolder college-employer partnerships while preserving our mission?



Sourcing and structuring deals that are in our long-term financial interest



Mitigating risk of new endeavors without sacrificing speed



Embedding agility into our business model that both adapts to and anticipates future demand

Full Suite of Existing Offerings Supporting Workforce Development

Best-Practice Studies

- Recapturing Adult Learner Enrollments (2015)
- Growing Corporate Training Revenue (2015)
- Capturing Alternative Revenues (2014)

Toolkits and Infographics

- Building Long-Term Industry Relationships Infographic (2017)
- Critical Disciplines in Growing Employer Partnerships Toolkit (2017)

Becoming an Employer-Responsive Institution



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1

Sourcing and Structuring Deals for Sustainability



Profiled Practices

1. Goal-Aligned Advisory Councils
2. Subscription-Based Workforce Engagement Sourcing
3. Regional Training Marketplace
4. Ed-Ed Brand Expansion

Outcome Metric:
Profitability

2

Reducing Institutional Partnership Risk



Profiled Practices

5. College-Boot Camp Faculty Exchange
6. Spin-Off Incubator for Short Format Programming

Outcome Metric:
Speed to Market

3

Adapting to and Anticipating Future Demand



Profiled Practices

7. Agile Workforce Financing

Outcome Metric:
Longevity

Becoming an Employer-Responsive Institution



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Priority Industry Feedback

Quantitative and Qualitative Insights Create Common Ground



Industry Expertise

Derive Terrain Knowledge

- Analyze labor intelligence and other open source labor market databases
- Conduct data analysis once per quarter to determine sector trends
- Identify high priority employer partners and key trade associations based on job openings and skill need



Unique Insights

Pinpoint Exact Employer Need

- Use market data to outreach to largest employers in the area
- Meet with VPs of Talent or HR to share and validate labor market data
- Share results and data with faculty to align training programs

Model Inspired by Charlotte Works

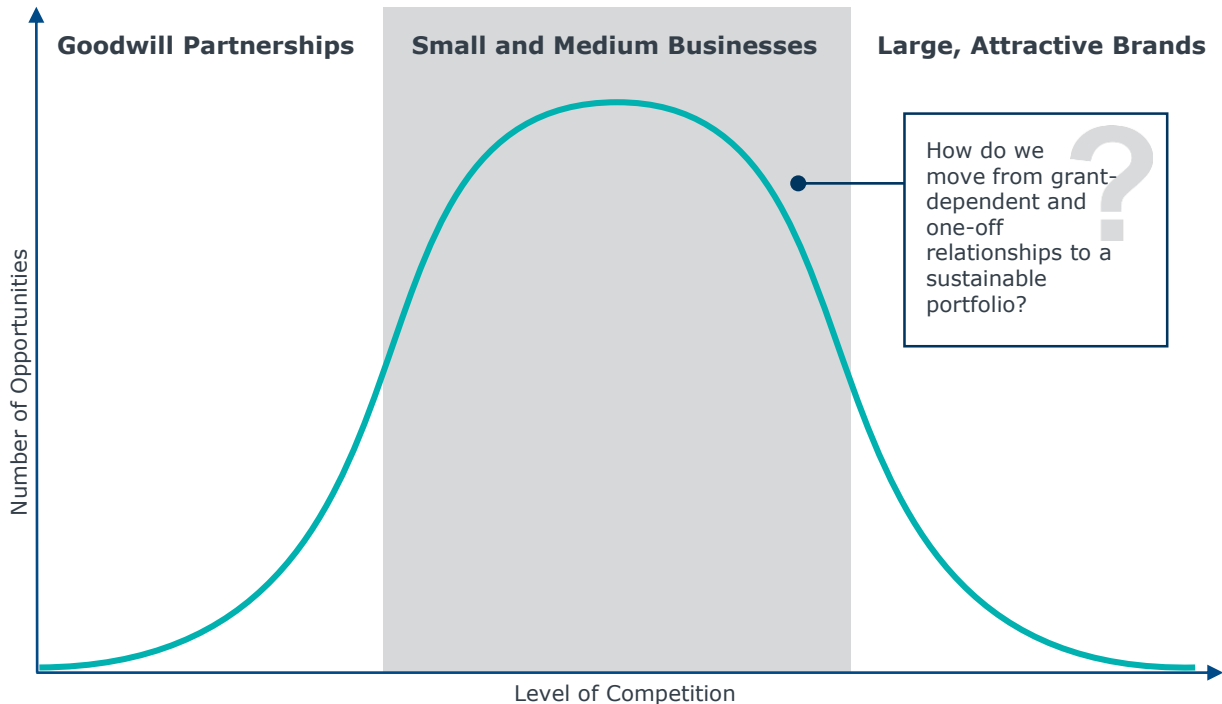


- Connects available workforce to area employers
- Coordinated with two largest health systems that provided over 60% of the jobs in the sector

Landscape of Partnership Opportunities

11

Lead Prioritization Skews Toward Goodwill or Large Brands



Capturing the Murky Middle

12

Colleges Lack Capacity to Meet Middle Market Demands

Marketing Capacity Insufficient to Target Small and Medium Business

SMEs a Significant Part of Regional Market

Proportion of Businesses with 5-499 Employees in Selected Zip Codes, 2015

Allegany County, MD **52%**

Philadelphia, PA **49%**

“

“Everyone is kind of doing [sales] as one more thing on a long list of responsibilities. **They’re not sales people, they’re not trained for that, and they may not even like it.** We’re really not positioned for success in this area.”

Dean, Workforce Development
Mid-Atlantic Community College

”



2.1

Average B2B sales staff



\$5K

Annual average B2B marketing budget

Small Business Training Consortium

Create a Shared Forum to Support Soft Skills Training

Season Tickets for Collective Sessions



Monthly sessions: Business Partners Training Consortium (BPTC) meets once a month for 4 hours per session



One-year subscription: Participating employers each buy an average of 1-6 "season tickets"



Transferrable seats: Employers may fill seats with different staff each month, depending on session topic



Choice of three locations: Cohorts offered at main campus and two satellite locations to minimize driving distance

Kirkwood
COMMUNITY COLLEGE

Sample Session Topics

Target audience: From high-potential entry-level staff to middle management

- ☒ The Future of Management
- ☒ How to Ignite Passion on your Team
- ☒ Intercultural Competency
- ☒ Succession Planning
- ☒ Leading Organizational Change

Businesses Representative of Local Communities



Consortium serves area heavy in manufacturing



Satellite locations serve small, rural businesses including doctors offices and community banks

Straight from the Horse's Mouth

Source Quality Content Through Participant-Led Focus Groups

Inclusive Model Represents Local Business Landscape



A dozen valuable prospects, current, and former consortium members



Annual meetings to ensure alignment with current pain points



Facilitated model of discussion with employer-led idea generation



Sourcing common, cross-industry soft-skill needs

Focus Groups Surface Acute Training Needs

Working lunch provides valuable program and industry background

Kirkwood provides industry feedback from course instructors

Brainstorming session is employer-led, to ensure industry alignment

List of topics is sent via survey to entire consortium, and narrowed to the 9 most relevant topics

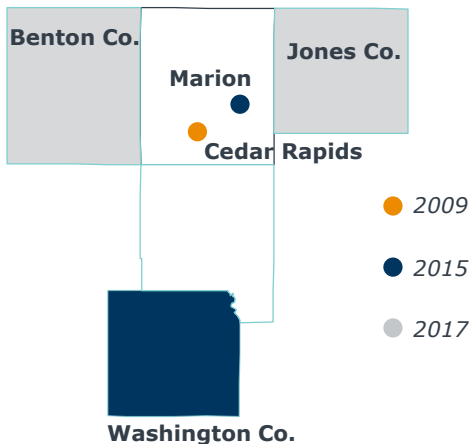
Making Custom Training Accessible

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Business Consortium Embeds Community College in Local Market

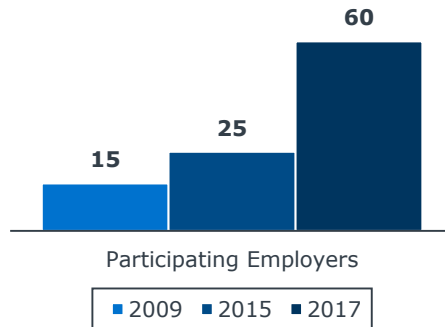
BPTC Increases Geographical Reach

Map of Current and Upcoming Consortium Sites



Participation Rate Doubles in Two Years

Employers Participating in Business Partners Training Consortium, 2009-2017



<500 Average number of employees in most participating businesses

2.4x Growth in number of partners since 2015

Fixed Mindset Fosters Unproductive Competition



Colleges Struggle to Individually Attract Large Players

Under Current Single-College Training Model, Many Businesses Out-of-Reach

Map of Philadelphia-Area Counties



Challenge: Business has a specialized need

Colleges constrained based on institutional specialty

Challenge: Business has a large need

Colleges limited by their instructional, administrative, and space capacity

Challenge: Business has multiple needs in multiple locations

Colleges are not able to serve single employers in multiple counties

✗ Business doesn't receive training

✗ Community colleges don't get partnership

Cross-Industry Shared Training Capacity

Rules of Engagement Codify Lead Passing

Consortium Allows Partners to Reach Wider Market



\$200K

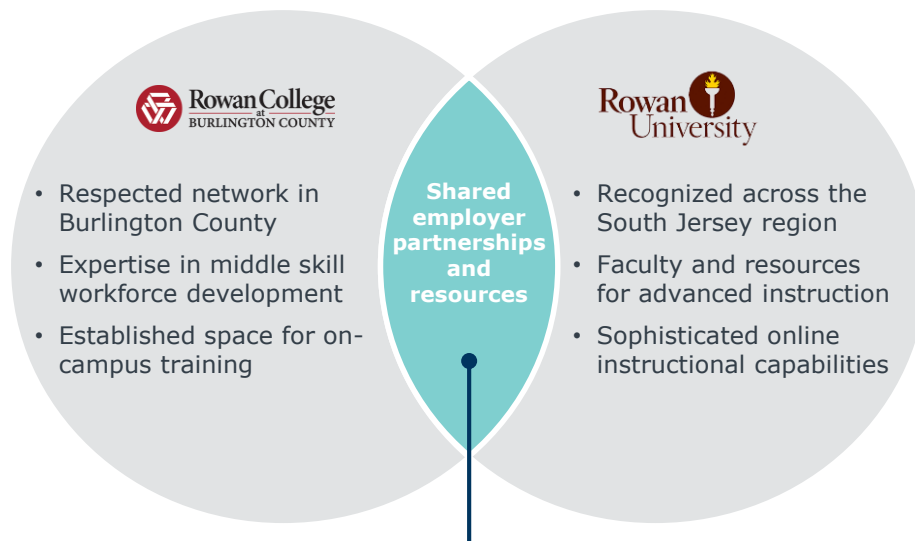
Potential yearly revenue gained per college

95%

Yearly customer return rate

It's Always Better When We're Together

Community College-University Partnerships Embrace Power of Joint Brand
Combined Brand Leverages Best of Both Worlds



Complete lifecycle of course offerings



Larger network of clients



Enhanced brand recognition



Expanded delivery capability

A Deeper Relationship

Joint Institutional Effort Serves Full Talent Pipeline



AABE student chapter provides education, mentoring, community service, and business networking



Certificate and degree programs, with curriculum informed by AABE



Professional education provides current association members access to upskilling programs



Partner-in-Brief

- **What:** The American Association of Blacks in Energy, a 1,800 member national energy association
- **Where:** Nationwide
- **Mission:** Ensure minority voices in discussions around energy policy



[RCBC] has established a good network of partners. Now they can go back to them and say, 'Look, our solutions go far beyond what we were telling you before.' For us, it has been a way of creating new opportunities.

Horacio Sosa, VP,
Global Learning and Partnerships
Rowan University



Next Steps on Your Campus

Questions and Lessons to Guide Cabinet and Campus Conversations

Questions for the Cabinet

- 1 Are we setting the agenda for advisory board meetings based on a deep sectoral understanding of market needs?
- 2 Have we considered innovating on our pricing model to engage small and medium businesses?
- 3 Do we have a mechanism for passing B2B leads among our neighbor colleges?
- 4 If we have partnerships with 4-year institutions, are we using them to bring our joint capabilities to the employer market?

Key Lessons from CCEF Members



Position the college to lead regional economic development instead of reacting to workforce training needs.



Incent advisory board members to purchase custom training based on the topics they recommend.



Leverage partnerships with other colleges and universities to economize on scale and expertise.

Becoming an Employer-Responsive Institution

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Sourcing and Structuring Deals for Sustainability



Profiled Practices

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Outcome Metric:
Profitability

2

Reducing Institutional Partnership Risk



Profiled Practices

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Profiled Practices

7. Agile Workforce Financing

Outcome Metric:
Longevity

Forced to Take Risks



“Most decisions should probably be made with somewhere around 70% of the information you wish you had. If you wait for 90%, in most cases, you’re probably being slow.”

”

Jeff Bezos
Founder and CEO
Amazon.com

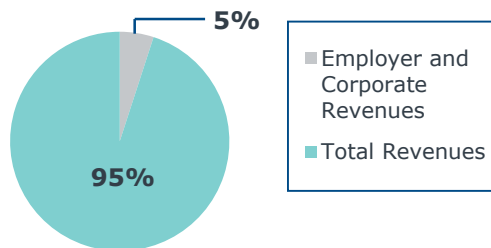
For the Greater Good?

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Risk Aversion a Byproduct of Institutional History and Finances

Partnership Revenue Under-Represented in Current Financial Model

Percent of College Revenues by Source, 2017



"We are reimbursed on FTEs, so we're looking at enrollment to solve revenue gaps."

*Vice Chancellor, Finance and Administration
Southern Community College*

When Your Partner Fails to Invest

Indianhead Technical College and Kestrel Aircraft Partnership Never Materializes



The Promise

- Kestrel Aircraft earned grants to open a 600-worker facility in Superior, WI
- Indianhead Technical College partners to launch a degree in Composite Technologies
- Program launches with 20-student capacity

The Reality

- Kestrel Aircraft merges with another aviation company and leaves Wisconsin
- The Composite Technologies program graduates just seven students in four years before closing

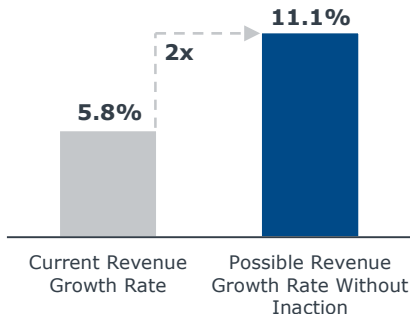
Ceding Risk, Ceding Market?

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Community Colleges at Risk of Losing Ground to Faster Moving Educators

Revenues Fall When Executives Hesitate

Current and Possible Growth Rates in Private Industry



Big Movers Herald New Era of Education...



Purchases Kaplan University



Spins off non-academic units



Launches 25 "microcampuses"



Opens an on-campus intern office for Cincinnati Insurance

"Colleges are too often very, very slow to change because of a culture of committees, a culture of everybody has to have a say."

*Mitch Daniels, President
Purdue University*

...And Department of Education Supports Them

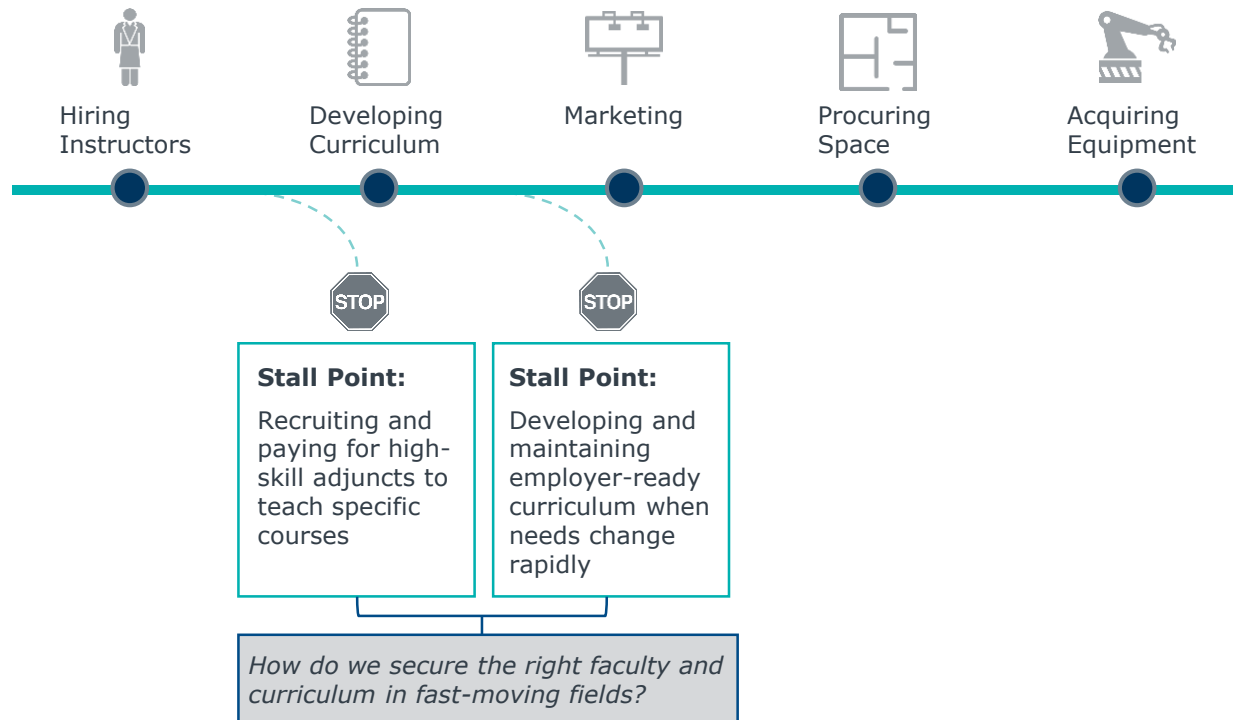


EQUIP pilot grants federal aid to unaccredited educators and partners

Reasons to Proceed with Caution

25

Delivery of New Employer Partnerships Impeded by Predictable Stalls



We Need Them More Than They Need Us

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Computing Faculty Are Increasingly Expensive to Hire

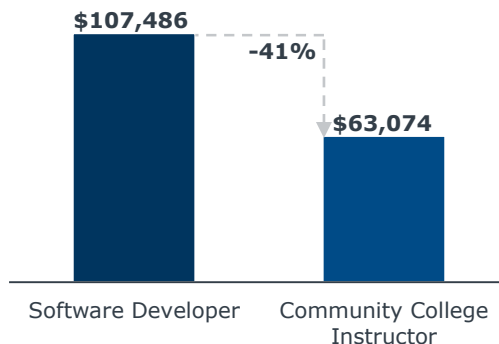
 **Apple's Code Comes to Community College...**



- One-year Swift coding language curriculum created by Apple engineers and user experience designers
- Swift used by 1.53M coders making apps for the AppStore

...Yet Most Struggle to Recruit and Hire Faculty for IT Jobs

Average Full-Time Salaries



Projected Demand Growth, 2014-2024



Programming a Deeper Curriculum

Boot Camp Faculty Provide Immediate Access to Coding Specialties

District-in-Brief



- **What:** 6,500 student district in rural California
- **Where:** Coalinga and Lemoore, CA, 1 hour from Fresno, 2 hours from San Jose
- **Challenge:** Build in-demand tech skills for students in an area with only 43% broadband penetration

Partner-in-Brief



- **What:** Technology incubator, educator, and innovator serving more than 100 companies
- **Where:** Fresno, CA
- **Challenge:** Support nascent tech companies in Fresno with expertise, funding, space, and networking

Layered Curriculum Blends Specialization into Coding Core

Academic Record Name: Jones, A.

West Hills Coding Academy

Fall 2017	Spring 2018
HTML	Java
CSS	Server Side Scripting
Javascript	

Student ID: 11223344

Bitwise Coding Academy

Fall 2018	Spring 2019
MEAN Stack	Internship and/or Freelancing
PSD Slicing	
Angular JS	

Faculty Are Students, Too

Academia-Industry Proximity Boosts Faculty Professional Development

West Hills Teaches Boot Camp Instructors About Teaching

- Develops pathways from West Hills Coding Academy curriculum to Bitwise Academy curriculum
- Teaches Bitwise instructors the nuance of teaching how to program
- Establishes learning goals within internships



West Hills Faculty



Bitwise Faculty

Bitwise Brings Industry to Faculty

- Advises West Hills curriculum on in-demand programming languages
- Teaches faculty new programming languages and techniques
- Identifies valuable skills to teach in capstone courses

Four-Years Find Value in Faculty Knowledge Transfer



PORT HAYS STATE
UNIVERSITY



galvanize

Faculty Partnership Yields Profit and Retention



"Bitwise's faculty are teaching at a technical level that is much more advanced...We couldn't afford to provide this type of exposure to our students and faculty without them."

*Stu Van Horn, Chancellor
West Hills Community College District*

▶ Bridging from College to Employer

100+

Tech firms exposed to students through Bitwise internships

92%

Tech industry job placement rate

\$1M

California Award for Innovation in Higher Education

Coding Academy Boosts Retention Rate

One-Year Retention/Completion¹ Rate



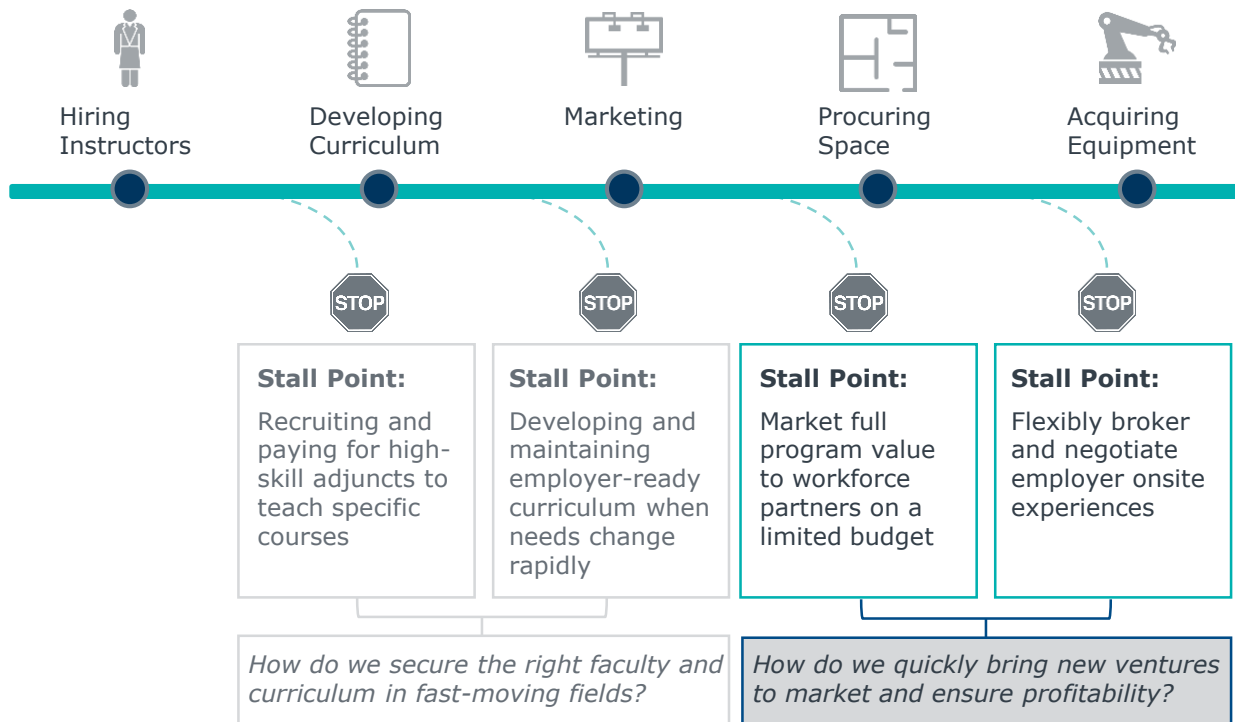
Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics; WHCCD, Application for California Higher Education Innovation Award, 2017, [http://www.dof.ca.gov/programs/Education/Submitted_Applications_2017/documents/\[39\]_West_Hills_Community_College_District_-_2.pdf](http://www.dof.ca.gov/programs/Education/Submitted_Applications_2017/documents/[39]_West_Hills_Community_College_District_-_2.pdf); EAB interviews and analysis.

1) 83% represents the two-semester program's completion rate.

Reasons to Proceed with Caution

30

Delivery of New Programs Impeded by Predictable Stalls



Isolate the Risk of New Product Launch

At-a-Glance

Founded:

2014

Status:

501(c)(3) Research Park

Total Programs:

18

Full-time employees:

One Executive Director

CNM Ingenuity, Inc.

Mission:

Help Central New Mexico Community College pursue cooperative ventures in technology and entrepreneurship

Initial Investment:

\$4 million



Career and Technical Education

- WORKforce Training
- IT Apprenticeship Program
- Nursing Transition to Practice



Support and Technology Services

- Ingenuity Software Labs
- Cisco Academy Support Center
- FUSE Makerspace



Open Enrollment Intensives

- Deep Dive Coding Boot Camps
- Entrepreneurial Mindset Program
- Fast Track Business Administration Degree

CNM Ingenuity Changes Rules Without Touching the Academic Core

Reduced Regulations



Unregulated Procurement

Buy equipment and space outside regulations to charge for faster launch



Value-Based Pricing

Set higher prices to provide higher cost—and higher quality—programs

Product Development and Acquisition Fund



Externally-Sourced Curriculum

Acquire proven non-traditional competitor's curriculum



Business Services Beyond Teaching

Offer faculty and graduate expertise as a consulting or freelance service

Entrepreneurial Pay



Separate Pay for Non-Credit

Pay faculty who opt to teach non-credit through research park¹



Incentives for New Programs

Reward faculty for new non-credit programs according to the number of students enrolled

College Wins When Employers Win



Saying It with Actions: Albuquerque Is Open for Business

“

ALBUQUERQUE
BUSINESS FIRST.



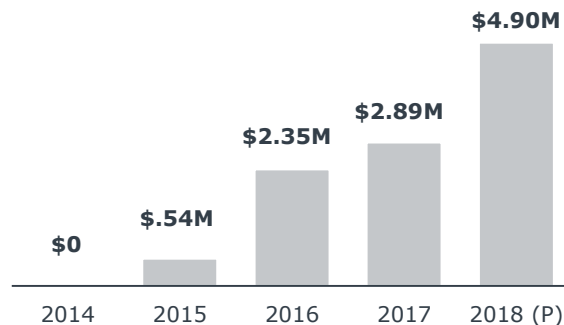
Employers can now see evidence that **we are here to solve workforce needs on their terms.** They have been excited by all that we're doing, and they are now reaching out to us to get involved just as much as we are reaching out to them.

Kathy Ulibarri, VP Finance and
Operations
Central New Mexico Community College

”

Revenue Growth Reflects Momentum

CNM Ingenuity Annual Revenues Since Launch



\$32/hr

Additional pay for
faculty who teach
in CNM Ingenuity

11.4 → 20.5

Average contact hours
per workforce training
participant 2014 to 2016

Next Steps on Your Campus



Questions and Lessons to Guide Cabinet and Campus Conversations

Questions for the Cabinet

- 1 Which local competitors in training services can we collaborate with as partners?
- 2 Have we considered non-traditional educators as a source for high-skill adjunct faculty?
- 3 What is our readiness to consider alternative models and spin-offs to meet local employer needs in our region?
- 4 What capital and intellectual assets do we have that are not currently available to students and businesses?

Key Lessons from CCEF Members



Identify alternative training providers who could serve as potential partners based on the college's strengths.



Offer an expanded line of assets to local students and businesses.



Consider new business models to achieve the flexibility needed to launch non-traditional services.

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Outcome Metric:
Longevity

How Do We Adapt To and Anticipate Demand?



It's easy to get employers in the door. The challenge lies in getting them to stay.

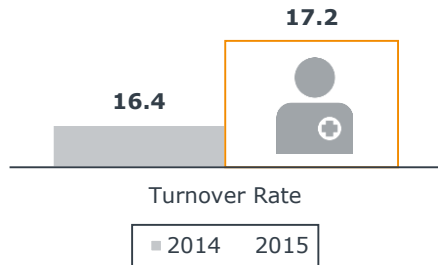
*Jerrad Webb
Director of Workforce Development
Garden City Community College*

Future Needs Out-of-Focus

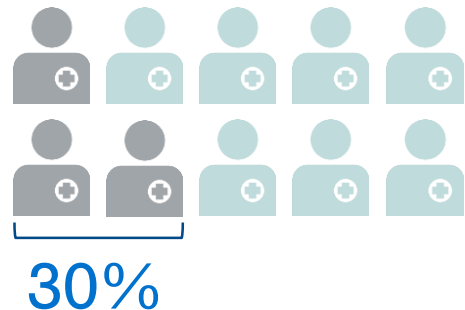
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High Employee Turnover Keeps Hospitals Fighting Short-Term Staffing Fires...

Turnover Rates for Bedside RNs, 2014-2015



Turnover from Staff with Less Than One Year of Tenure



...Yet Colleges Must Place Forward-Looking Bets on Critical Resources



Limited faculty
availability and expertise



Expensive specialty
equipment



Finite space
allocation

In Absence of a Crystal Ball



Embed an Agile Funding Mechanism to Support Fluctuating Needs



Accounting for Adaptive Planning

1 Batch Annual Training Projections at One-Day Meeting

Hospitals, college, and foundation predict all training needs for the upcoming year, **focusing on several metrics**



- Number of students
- Types and amount of courses
- Instructors and staff
- Equipment and space needs

2 Create Hospital Funding Account at Foundation for Just-In-Time Payments

Funds are deposited in account at foundation, and **withdrawn by Broward at key training moments**



- Employee registers as student
- Paying instructor salary
- Hiring adjunct faculty
- Buying specialty equipment



Foundation Account Allows Broward to Plan and Predict Training

- Batched requests serve as **forcing mechanism for training predictions**
- **No need for back-and-forth** on tuition reimbursements
- College can **accurately forecast** faculty, equipment, and space

Benefits Beyond Revenue

Training Meets Revenue Goals and Embeds College into Talent Pipeline

Long-Term Financial Benefits

10+

Years of training provided to area hospitals via Specialty Nursing Consortium

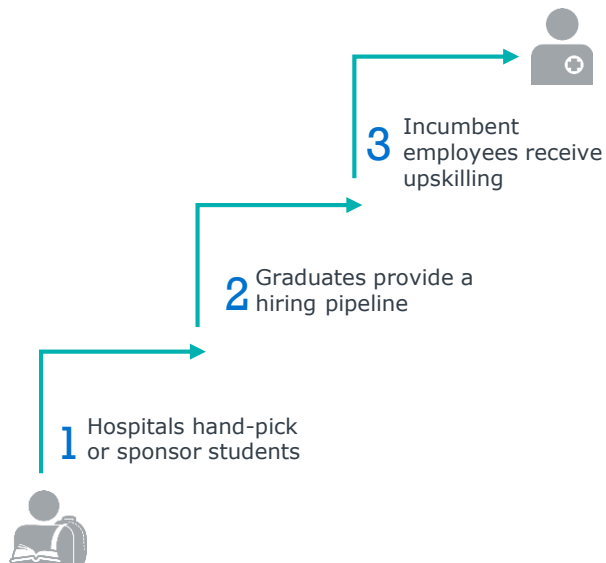
\$1M

New 10-year contract signed with a national staffing company

\$5M

Revenue earned through foundation over the last 5 years

Engaging the Full Career Ladder



Next Steps on Your Campus



Questions and Lessons to Guide Cabinet and Campus Conversations

Questions for the Cabinet

- 1 How are we streamlining the delivery for our major partners who regularly request custom training?
- 2 Do we ask employers to batch future requests so we can accurately invest resources ahead of upcoming need?
- 3 Do we engage our foundation in funding employer training agreements?

Key Lessons from CCEF Members



Include your foundation in the development of custom training for partners with long-term relationships.



Provide major partners streamlined payment mechanisms in exchange for forecasted training needs.

Additional EAB Resources

Workforce Development Guidance and Support



EAB Publications

- *Recapturing Adult Learner Enrollments*
- *Growing Corporate Training Revenue*
- *Becoming an Employer Responsive Institution* (Forthcoming)



Toolkits

- Differentiation Brainstorming Guide
- Employer Buyer Archetypes
- Employer Lead Scoring Rubric
- Employer Talent Assessment



Webconferences

- *Critical Disciplines in Growing Corporate Partnership Revenue*
- *8 Lessons for Building the Entry-Level Workforce of Tomorrow*
- *How Health Care Employers Solve Two Entry-Level Career Pathway Challenges*



Onsite Presentations

- On-campus presentations that bring employer partnership expertise to your campus
- Customized content for your cabinet, faculty, and staff



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