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Competing for Adult and Professional Enrollments

Five Critical Disciplines to Support Near-Term Growth

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Today's Presenter





Carla Hickman Vice President, Research

CHickman@eab.com

Blueprint for Growth: Ongoing Research at EAB



Our Fall 2019-Winter 2020 Research

Today's Focus





Sizing the Adult and Grad Ed Market

- Master's Degrees
- Credit and Noncredit Certificates
- Low-cost and Free Alternatives
- Adult Degree Completion

Thriving in a New Normal

- Analyzing Potential Countercyclical Enrollment Growth
- Sizing Threat of National Competition
- Understanding Market Concentration



Maximizing Bottom-Line Impact

- Assessing the Revenue Opportunity
- Avoiding Profitless Growth
- Maximizing Program Margins
- Portfolio Diversification Strategy



Competitive Infrastructure

- Capabilities, Expertise, Investments Needed to Compete
- Agile Response to Shifting Consumer Behavior
 - Market Leader Organizational Profiles





New Labor Market and Regional Economic Needs



Certificate Strategies for an Evolving Market



Program Margin Calculators

Strategy in the "Cone of Uncertainty"



The Importance of Acting Even When Data is Scarce

Entering Uncharted Waters



Must assume a break with past 5-10 years of trend data



Covid-19 first pandemic of its kind in over 100 years



Proxy and indicator data likely directionally correct, if not truly equivalent

Advantages of Being Bold in Uncertain Times



Pivot from focusing on what's been lost to new mission and margin opportunities



Capture market share early as a first mover



Opportunity to become a model for innovation in the sector

Five Critical Disciplines for Growth

Securing Share in Adult and Professional Education Markets

Organizational Design as Competitive Advantage

1

Rigorous Program Business Planning 2

Market-Informed Program Development 3

Fast-Cycle Launch Processes 4

Embedded Sunset Provisions 5

Outcomes-Based Marketing Messages

Designing for Competitive Advantage: A Holistic Approach to Growth Strategy

Organizational Design



Product Design

If You Build It, Will They Come?

9

New Market Pressures Cause Many Program Launches to Falter



"In today's environment, it's no longer if you build it, they will come.' Now, if you build it, and it is in demand, and you do a really good job marketing it, then maybe they will come."

Michael Cottam, AVP for Academic Affairs

Webster University

66

"Until recently, I would have told you that health sciences and business were 'sure bets' for enrollments, but I'm now seeing failures in those disciplines too. It's concerning to me that these sure bets aren't working out anymore."

Raili Kieley, AVP, Chief Planning and Budget Officer

Duquesne University

"

"

New Programs Underperform, Become Long-Term Drains on Institution

Hard Lessons Learned in "Profitless Growth"



Lesson

Too many programs fail due to lack of validation



Strong enrollments do not equate with net revenue growth if costs too high



Longer-than-expected ramp up periods strain short-term finances

Example

Schuyler¹ University launched new specialized master's in education without adequately evaluating demand data

Burr¹ College neglected to account for new facilities costs of proposed science program prior to approval Mulligan¹ University expected new data science program to generate positive net tuition revenue by year 2

Result

Projected year 1 enrollments of 60 students; enrolled four students in first cohort Program cancelled after accepting first cohort once leadership realized anticipated revenues would not cover needed facilities expenses

Program ultimately broke even in year 5; college dean struggled to accommodate 3 years of unexpected losses

Financial and Operational Toll of Missed Costs

Illustrative Examples of Unanticipated or Underestimated Costs of New Programs

	Janeway University ¹	Ardmore College ¹	Rockaway University ¹	Granger University ¹
New Program	Online master's in finance	Master's in data science	Signature MBA	Bachelor's in pharmaceutical sciences
Missed Costs	Marketing	Facilities	Student services	General education courses
Impact	Prospects enroll in competitor offerings with greater online visibility	Classroom space identified for program use lacks adequate tech infrastructure	Career advisors overwhelmed by increase in requests for services after enrollments hit 200 student target in year 4	New program enrollments exacerbate existing chemistry and physics course bottlenecks
Result	Program misses enrollment targets in year 1	Classrooms require expensive last-minute retrofits	Students frustrated by long wait times and bad decisions due to insufficient career guidance	Program leadership unexpectedly needs to add new sections and adjunct lecturers

UFV's Program Development Office (PDO) Supports Faculty Through Proposal Process



- Established to help faculty navigate necessarily complex new program approval process
- Staffed by one full-time faculty member released from all teaching responsibilities for 1-2 years
- Provides independent third-party recommendations to improve proposals, but is removed from approval decisions

Sample PDO Functions

- Brainstorm program ideas with faculty
- Demystify policies, procedures, and regulations related to review and approval
- Edit program proposals
- Schedule approval meetings
- Track proposal through the review and approval process

99

"There were a lot of myths floating around campus about what faculty needed to provide to get new programs approved. We needed a single source of standardized information, a place where faculty could go to get the help they needed. We're that resource."

Bruce Kirkley Program Development and Quality Assurance Coordinator University of the Fraser Valley

					FORM 2: REQUEST FOR EXTRAORDINARY	DUDGET DEALL OCATIONS 2013 13
Rev 9/7/10 Strategic Plan implementation-Space Requirements			INNOVATION FUND APPLICATION Business Case Template	University Fraser Valley	To be completed separately for each activity A. SUMMARY	
Strategic Plan implementation-Space Requirements Please list the dots number of additional positions in your department resulting from this strategic inhilative and the general signalin revent in re-all calestication. For the purposes of this questionnaire, individual		1.0 PROJECT CONTACT INFORMATION		Division (Faculty or Util):		
spatial needs shall be defined by the following classifications:	questionary, novicus	Submitted by:			Namel Tide of Activity Philiative Existing Activity or New Initiative?	
Private Office- Type A Shared Office- Type B Private Workstation- Type C Bullpen - Type D Shared Workstation- Type E		Project Title:			[Tigne "existing" or "new" in space provided Priority Ranking: 2002-10 Base & requested:	of (maximum of 4 proposals)
Faculty/Staff Quantity Type of space Position- needed		UFV Project Spansor: (Dean/) UFV Project Leader/Manager			2802-0 OTO \$ requested	
		Department/Division Contact name/s			is this request related to a budget reduction? (Indicate ")	
		Contact Number Email address			if yes, indicate the proposal if from the forms for the ass	ociated reduction(s)
apport Space lease list the total number of additional support space in your departm		2 A EVECUTIVE SUITAND			Description of activity/initiative	
idiative and the general spatial needs for each classification. For the pl apport spatial needs shall be defined by the following four classification. Work room-Type F Supply room-Type G	THOMPSON RIVERS	University			BCIT BRITISH COLUMNIA MISTINE OF TECHNOLOGY	
Conference room- Type H LabrComputer Lab- Type I Type of Quantity Can it be	Non-Curriculum					
support space shared?	Program Sustainability Wo	rksheet		OPERATION PLAN - BUSINESS CASE TEMPLATE		
	Primary Strategic Priority Alignment Sustainability	ement and Business Analysis Support		PREAMBLE		ne or more of the University's priorities identified in the current pact they are likely to have on one or more of these priorities.
	Service/Academic Unit Name Enterprise Sys Anticipated Start Date 2018-02-02 Institutional Contact Anna Machaj	tems / Information Technology Services	i Stakeholders (internal & external)	To obtain approval from the Leadership initiative requesting additional funding.	Team you must submit a business case proposal for each	
Lab or Computer Lab space please answer the following: Type of Lab List any specialized equipment required	Executive Summary		ts & Project Cost	The proposal is an essential tool for leas in anticipating and planning expenditure	dership to evaluate an initiative, and to assist management e priorities.	
Electrical needs beyond standard? Yes No Data port needs beyond standard? Yes No	This request is so that IT Services can retain a Busin continue to coordinate client communications, and pro-	ride overall project portfolio management		The merits of a plan at the four stages of		
oes this additional space need to be near any existing space already s	oversight for the Enterprise Systems Department and t The Enterprise Systems Department of IT Services a	t TRU is responsible for managing large			t's best estimate of the future in a logical and ideas, highlighting potential problems, and	
on these activities function in an off-campus location if space is not av	systems projects and change initiatives. These eff communication management, requirements gathering, listening, people and problem solving skills are paramo	and project management skills. Strong		0.000	or and raising finance whether from government	
	Specific projects that this individual would service inclu and the Bunner XE transition (three year project) but v	ide the OL Moodle Pilot (one year project) would also continue to support the 50-60			e funding, or BCTT Foundation fundraising sources.	
	initiatives that the division completes each year. The request is for 0.6 FTE ongoing or \$29,467 per annum.			 Implementation - Provides man efficiently. 	agement with guidelines for running the initiative	
	Description of Initiative				nt to assess and control the actual progress of the financial projections included in the plan.	
	Initiative • This position will coordinate the project whit moving from Bladboard to Moodle as the LM TRU to standardize on one LMS. This project student satisfaction, as students will no longer	S system for distance students, allowing could potentially result in both increased			the nature of the initiative and the purpose for which the uidelines provided in the template may apply. Be sure to	
	student satisfaction, as students will no longer systems, and in ongoing savings of over \$70,000 costs.	per year to TRU in licensing and support		Confidentiality	ntially please clearly indicate this on all pages.	
				il Jose bran recent to ac a conta confine.		

Partners may access full business case templates on eab.com.

Source: British Columbia Institute of Technology, Burnaby, BC; Ryerson University, Toronto, ON; Thompson Rivers University, Kamloops, BC; University of the Fraser Valley, Abbotsford, BC; University of North Carolina at Greensboro, Greensboro, NC; Business Affairs Forum interviews and analysis.

Securing Share in Adult and Professional Education Markets

Organizational Design as Competitive Advantage

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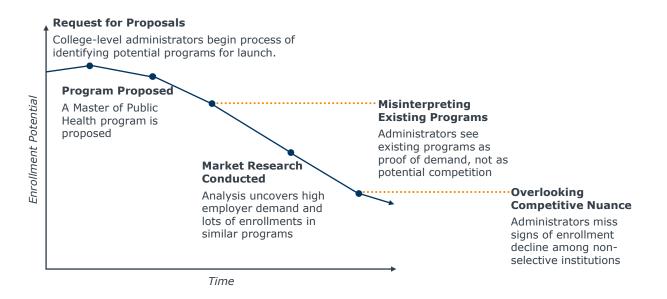
Fast-Cycle Launch Processes 4

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Outcomes-Based Marketing Messages

Peer Success Not Always Replicable

Danger Inherent in Taking a Fast Follower Development Approach



Seeking Answers to Difficult Demand Questions

Competition Driving Need for Sophisticated Understanding of Market Data

Evolution of Academic Leaders' Market Demand Questions



Status Quo

Is there labor market demand for this program in my region?

Advanced Practitioners

What secondary and tertiary markets should we consider?

Will this program help or hurt my current program portfolio? What is the right format for this program?

How might student demand for the program change over time?

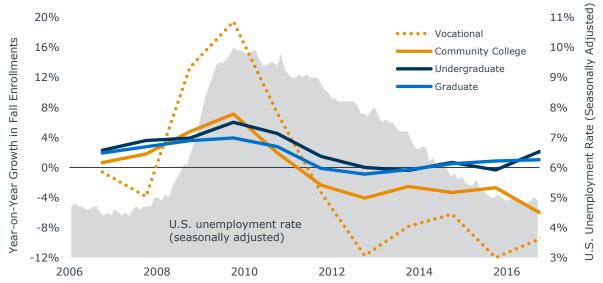
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"We rushed into the market without doing the proper validation, and all four of the programs we launched in the last five years have not seen the desired enrollments."

Continuing and Online Education Dean Public Comprehensive University

How Countercyclical are Grad Enrollments?

Grad Enrollment Increase During Last Recession Low Compared to Sub-Baccalaureate



Percentage point growth in enrollment during high unemployment:

Graduate	Undergraduate	Community College ¹	Vocational ²
+2.3%	+3.6%	+6.9%	+20.2%

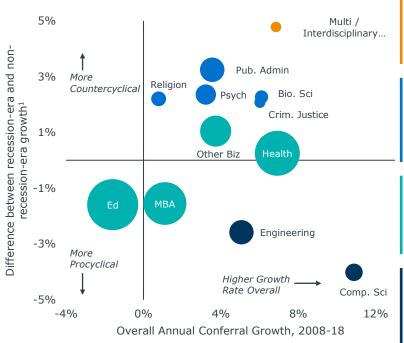
¹⁾ Includes all public 2-year institutions.

Includes all less-than-2-year institutions and all private nonprofit and for-profit 2-year institutions.
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Countercyclical Boost Uneven Across Fields

Fields Best Positioned to Grow are Mostly Small, Few in STEM

Overall 10-year Growth Trend and Countercyclical Growth in Master's and Professional Doctorate Conferrals



The Multidisciplinary Moment?

Interdisciplinary grad degrees fast-growing and among most countercyclical

A Turn Toward Stable Careers

Growth in fields related to government and nonprofit jobs, but will these remain stable in current crisis?

No Boost for Big Fields

Education, MBA growth slowed. Almost no recession impact on health, non-MBA business.

Slowdown in STEM?

Engineering, computer science fast-growing overall but grew more slowly during 2008 recession

Our Early Analysis of Labor Markets across North America

Limited Shift in Industry Mix Across North America

Across all regions in the United States and Canada, job postings declined within all industries, with limited shifts in the share of jobs in each industry.

United States

Professional, technical, and scientific services increased its relative demand most significantly in the Midwest.

Canada

Health care and social assistance increased its relative demand most in Central and Atlantic Canada.

Increased Regional Demand for Business and Medical Skills



The South, Midwest, and Mountain West regions demonstrated greatest growth in demand for business skills.



The Northeast and Mid-Atlantic regions expressed greatest growth in demand for medical skills.



The Pacific West region experienced high growth in demand for both business and medical skills.

Decline in Job Postings Varies Throughout the United States

-13%

Decline in demand in the United States, nationally

-7%

Decline in demand in the Northeast

-23%

Decline in demand in the Midwest

Regional Demand Profile: The Mid-Atlantic

Coronavirus Outbreak's Impacts on Employer Demand

A Job Postings Analysis and Discussion Guide Created May 2020

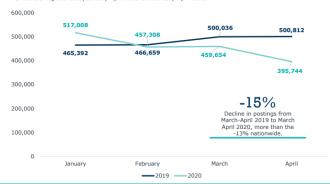
Early Market Analysis for Market-Responsive Program Development in Crisis

The first US COVID-19 case was reported in late February, and in mid-March state governments began issuing stay-at-home orders. Across this time, employers began freezing hiring, instituting furloughs, and laying off staff. While the total impact on our economy will take months to unfold, EAB is providing initial analyses of regional labor market data to inform program planning conversations.

Consider this early data in your portfolio planning conversations, as well as the recommended questions for discussion.

Changes in Job Postings Volume

Mid-Atlantic Regional Data, January-April 2019 and January-April 2020



Data and Analysis for Key Market Signals

- Examine six U.S. and four Canadian regions
- Questions to guide program development, redesign, and recruitment strategies
 - Elevate program discussions with information on industry and occupational mix, highly requested skills, top employers, and historical demand
 - Incorporate data on career opportunities into recruitment messages
 - Advise partnership decisions with top employers

Clinical Health Care Analysis the First in a Series of Industry Reports

Short-Term Declines in Hiring Reflect Complications of COVID Crisis

22

-9%

Decline in job postings for physician assistants from early 2019 to early 2020

-25%

Decline in job postings for physical therapists from early 2019 to early 2020

Licensure Delayed By Displacement of Clinical Rotations

"We won't be able to graduate individuals with associate degrees or baccalaureate degrees eligible for licensure. We'll be reducing the R.N. workforce."

> Scott Ziehm, Associate Dean, University of San Francisco School of Nursing

Future Demand Likely to Remain Strong as Economy Recovers

48K

Annual increase in graduate-level clinical health degree conferrals, 2013-2018

Industry Analysis Coming Soon:

- Technology
- Business & management
- Manufacturing
- Education

Source: EAB Analysis of Emsi Data (Jan-Apr 2019 and Jan-Apr 2020); Clinical Training for Nursing Students Sidelined, Inside Higher Ed: Google Trends: IPEDS

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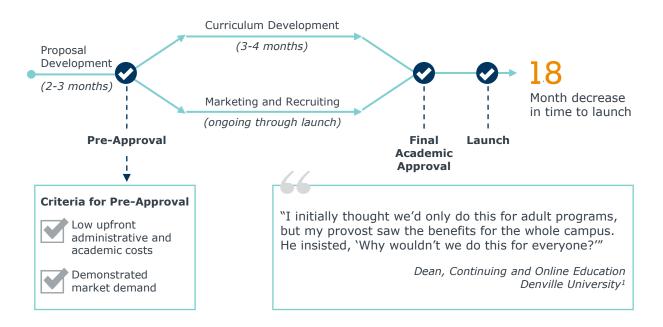
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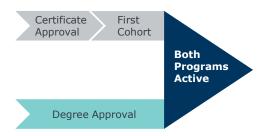
Outcomes-Based Marketing Messages

Creating a New Launch Express Lane

Denville University¹ Pre-Approval Process Expedites Time to Market



Parallel Processing Degree and Certificate Approval



- Certificate program requires fewer internal and external reviews, launches quickly
- Course reviews and student demographics from initial certificate cohort accelerate degree design and approval process
- Once certificate cohort finishes program, degree program ready to receive students

Just-in-Time Committee Convening

COE Organizational Benchmarking Survey

Degree Approval Speed Committees Meet by Need, Not Calendar		Electronic or E-Mail Governance Voting	University faculty senate committee	
1-5 months (n=10)	70%	40%	43%	
6-11 months (n=29)	21%	7%	57%	
1-2 years (n=44)	36%	11%	68%	
3-5 years (n=18)	0%	0%	82%	

- Leaders conduct ad hoc meetings to respond to new proposals as they arise—not solely reviewing proposals during regularly scheduled meetings
- Stakeholders circulate feedback and vote on proposals electronically if necessary to expedite ad hoc reviews

Use Nondegree Options to Assess Demand Before Full Investment

Northwestern

SCHOOL OF PROFESSIONAL STUDIES

Test Course Process for Potential Certificate Programs

Identify Opportunity

Northwestern faculty and leaders propose new certificate programs

Test Idea

Faculty create courses in existing degree programs to test student demand for new certificates

Measure Results

Leaders measure enrollments across test courses to prioritize certificate launches

Select Results

High enrollment in test course prompted development of popular sports analytics certificate

Low enrollment in health analytics course prevented investment in potentially low return program

Three Proven Tactics to Expand Enrollments

Tactic	Institution	Description	Sample Result
Expand Capacity	MARIST	Automatically increases operating budgets when programs exceed predetermined studentfaculty ratios	Accommodated demand for M.A. in Integrated Marketing Communication by investing in new faculty hiring; grew enrollments by 56%
Broaden Program Audience	Northeastern University College of Professional Studies	Identifies programs with untapped growth potential and adds indemand concentrations to broaden market appeal	Added new concentrations to professional master's program; drove 209% increase in program enrollment over three years
Create Add-On Certificates	Northwestern SCHOOL OF PROFESSIONAL STUDIES	Develops post-graduate certificates to capitalize on graduate student demand for additional skills training outside of degree program	Successfully launched six new data analytics certificates leveraging existing content from related degree program

Expanding Our Thinking on the Existing Curriculum

Fastest Chance for Growth Comes from What You Already Offer

Four Proven Strategies to Bolster Enrollments



Marketing Consultations

Require annual meetings between marketing and faculty leadership to diagnose and solve enrollment problems (e.g., low online application-to-enrollment conversion rate)

MARIST

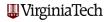
Naming Benchmarks

Compare programs to competitors to identify and update out-of-date or unrecognizable program names

SIMMONS

Student Surveys

Survey current students to identify gaps in portfolio well-suited for future program launches



Web Audit

Update program websites to highlight student-centric content (e.g., career outcomes and value stories) Securing Share in Adult and Professional Education Markets

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Representative Enrollment Decision-Making Process of Prospective Students

Interested Prospective Students



Credential

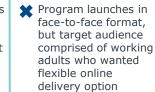
- Name
- Type (e.g., M.S. vs. M.A., degree vs. certificate)



Delivery

- · Modality
- Start date
- Program length
- Class times







Admissions

- Price
- Prerequisites
 (e.g., letters of recommendation, past coursework)





Experience

- · Cohort model
- Practicum
- · Course titles
- · Assessment structure

Sample Market-Design Misalignment

Institution launches degree program in response to labor demand, but target market seeks certificate program

- * Application requires two academic letters of recommendation, but working professional target audience deterred by lack of faculty network
- ★ Program has no experiential learning component, but prospective students seek hands-on opportunities to develop skills in new field

American University's Policy Facilitates New Program Closures



Upfront Sunset Provision Process for New Programs

Establish Goals:

Leaderships sets short-term financial targets for new program

Evaluate Results:

After three years, leadership evaluates financial results





Mainstream

Academic department receives increase to base operating budget to support program, plus bonus seed money for future launches

Secure Faculty Agreement:

Program director agrees to temporary funding, contingent on progress on financial goals



Sunset

Academic leadership discontinues funding

Clear Financial Targets Facilitate Buy-In and Enable Program Closures



Sample New Academic Program Budget Projections

Total Costs	\$377,208
Net Income/(Loss)	\$250,692
Income to Direct Expense Ratio	2.09
Anticipated Residual Return to School	\$125,346

Income/Expense Ratio

- Most new programs agree to 2:1 I/E¹ ratio targets
- Targets vary based on program type, location, and proportion of direct expenses
- Recurring failure to achieve expected I/E¹ ratio serves as grounds for potential program termination

Benefits of AU's Upfront Sunset Policy



Avoids underperforming programs becoming permanent budget drains



Achieves academic buy-in for program closure decisions



Motivates faculty to continually assess and improve programs

10%

of new market-driven programs sunset for weak financial performance Securing Share in Adult and Professional Education Markets

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Outcomes-Based Marketing Messages

More Entities Competing for Mindshare...

Ad space demand outpacing supply

Cost of buying attention via paid media unscalable and unsustainable

20x

Increase in marketing technology companies from 2011-2015

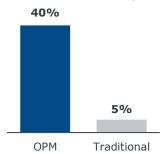
226%

Increase in graduate program cost-per-click from 2009-2014

2 Increasingly high standard for marketing spend

Traditional institutions competing with forprofits and OPMs¹ that invest significantly in marketing

Average new program's budget allocated to marketing



...and Students Paying Less Attention

3 Decreased attention span

4 Increasing skepticism

Technological advances enable consumers to spend more time online, but they are increasingly more distracted Savvy consumers seek validation of investment from third parties

12 secs.

Average human attention span in 2000



Average human attention span in 2016



of prospective students distrust institutional websites and seek external validation of program quality

Minor Ad Content Modifications Improve Recruitment of Uncertain Prospects



Status Quo: Product-First Marketing

- Ad copy emphasizes program features and skill goals
- Content marketing leads with academic capabilities



Strategic Modification

- Career- and life goalcentered content
- Career-first messaging



Ideal State: Student-Centric Marketing

- Ad copy makes emotional appeal to current life or career stage
- Ads offer useful nonprogram content for career-minded viewers

The Secret to Bootcamp Success

Most bootcamp providers aren't doing anything much more innovative than higher education. Their career support and other services aren't necessarily better. [...] All bootcamp providers do is use their marketing to speak in terms that their students understand: career change, advancement, and earning potential."

Jonathan Lau Founder, Switchup.org Appeal to Motivations and Desires of Larger Universe of Passive Prospects

Prospects Filter Out Transactional Ads

"Become a Cybersecurity Specialist"







Active and Inactive Prospects Engaged by Outcomes Data

"Make More Money in a Better Job"





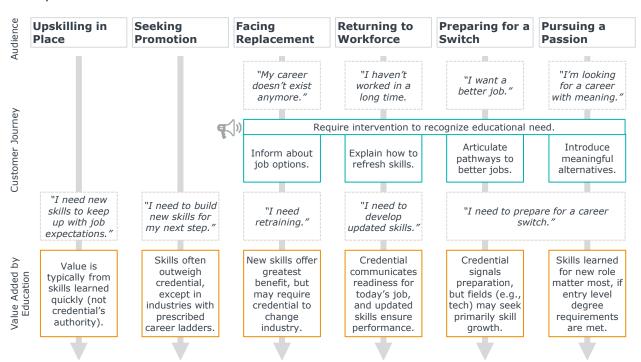
Leverages local demand data



Attracts attention of prospects not actively searching for program

Getting Beyond "Working Professionals"

Complex Motivations and Inflection Points Influence Education Needs



Secure a new job

Keep up

Advance

Goal

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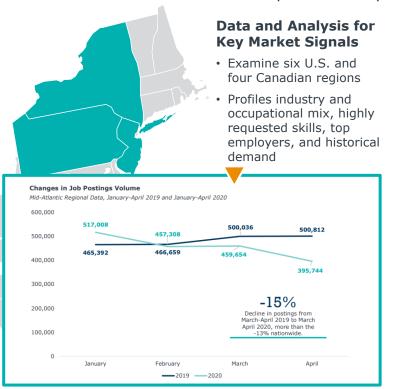
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Outcomes-Based Marketing Messages

Reports on Coronavirus Outbreak's Impacts on Employer Demand



Inform Program Development and Redesign



Elevate program discussions with information on regional labor demand



Incorporate data on career opportunities into recruitment messages



Advise partnership decisions with top employers



Immediately available upon request

Complete the exit survey



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