Making the Case for Structured Pathways
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American Association of Community Colleges

Community College of Philadelphia
January 11, 2016

How did we get here?

- Achieving the Dream
  - A decade of institutional reform
- Developmental Education Initiative
  - Small pockets of success
- "Get with the Program"
  - Making the connection for students
- Completion by Design
  - Initial investment in structured pathways
- Guided Pathways to Success
- A growing pathways movement….

What we know after 10 years….

Pathways

The proportion of community college students completing community college and earning a credential has not changed

- Problems of scale
  - Pilots cannot be scaled
- Challenges in institutional transformation
  - Institutions not prepared to restructure
- Demographic and economic changes
  - Declining enrollment and declining state appropriation
- State policy can undermine the quality of implementation
  - Florida and Connecticut

New Business Environment

- Performance funding

- State funding cuts → Tuition increases

- Federal financial aid leveling off

- High school population declining

- Pressures to dump dev ed

- Increased competition (public 4-years, privates, on-line providers)

New CC Business Model

- Focus on program recruitment and retention rather than course enrollment

- Clearly align programs with target career (and further education) requirements

- Recruit students into programs and closely monitor their progress

- Collaborate with 4-years, employers, K-12 schools → Regional "talent supply chains"

Lost in a Maze

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 (nonnative 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 120; PHL 101.

Fine Arts and Literature (A): 6 credits; 3 credits in Fine Arts and 3 credits in Literature

Fine Arts: ARH 120(D), 251(D), 252(D); ART 101, 207; FLM 101(D), 203(D), 204(D), 205(D); HPR 105, 124, 201A, 202A, 324; LAR 201; MUS 101(D), 106(D), 111, 292(D), 293(D); PLS 233; SPA 320(D); THE 100, 181, 351(D), 352(D), 381, 382, 383.
Literature: AAF 247(D), 248(D); CLA 391(D), 395(D), 396(D), 397(D); CLS 160(D); ENG 110(D), 160(D), 241(D), 242(D), 243(D), 247(D), 248(D), 251(D), 252(D), 260(D), 262(D), 263(D), 264(D), 265(D), 280(D), 300(D), 302(D), 303(D), 304(D), 317(D), 355(D), 357(D), 358(D); FRN 309(D), 310(D), 320(D), 391(D), 392(D), 393(D); HPR 105, 125, 201A, 202A; RUS 391(D), 392(D); SPA 305(D), 306(D), 307(D), 308(D); WMS 317(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 113 level) in a previously studied language through at the appropriate level (all D): ARB 103, 104; CHN 103, 104; FRN 103, 104; GER 103, 104; GRK 301, 302; HBW 103, 104; 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; CHN 101, 102; FRN 101, 102; GER 101, 102; GRK 101, 102; HBW 101, 102; ITL 101, 102; JPN 101, 102; LAN 191, 192; LAT 101, 102; POR 101, 102; RUS 101, 102; SPA 101, 102.
- Study abroad in an approved program for one semester
- Major in a foreign language
- Formerly registered international students, students with recognized immigrant status, or naturalized citizens (at Dean's discretion)
- Two courses in Cross-Cultural Competence: CPL 300(D); FRN 309(D), 310(D), 320(D), 391(D), 392(D), 393(D); HIS 132(D), 171(D), 172(D), 180(D), 311(D), 327(D), 374(D), 375(D); HPR 201F, 202F; LET 151L(D), 151Q(D), 151R; NRS 300; 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); APG 327; BGS 392(D); CLS 160(D), 235; 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), 130(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(D); LAR 202(D); LET 151L(D), 151Q(D), 151R(D); NUR 360(D); PHL 101, 103, 204, 210(D), 212(D), 215, 217(D), 235, 314, 316(D), 321, 322, 323(D), 325(D), 328(D), 331(D), 346, 355; PSC 341, 342; PSY 310; RLS 111(D), 125, 126, 131(D); WMS 220(D), 315(D), 320(D)

Mathematics(MQ): 3 credits satisfied by MTH 141

BUS 111, CSC 101, 201; HPR 108, 201M, 202M; MTH 106, 107, 108, 109, 111, 131, 141; PSC 109; STA 220.
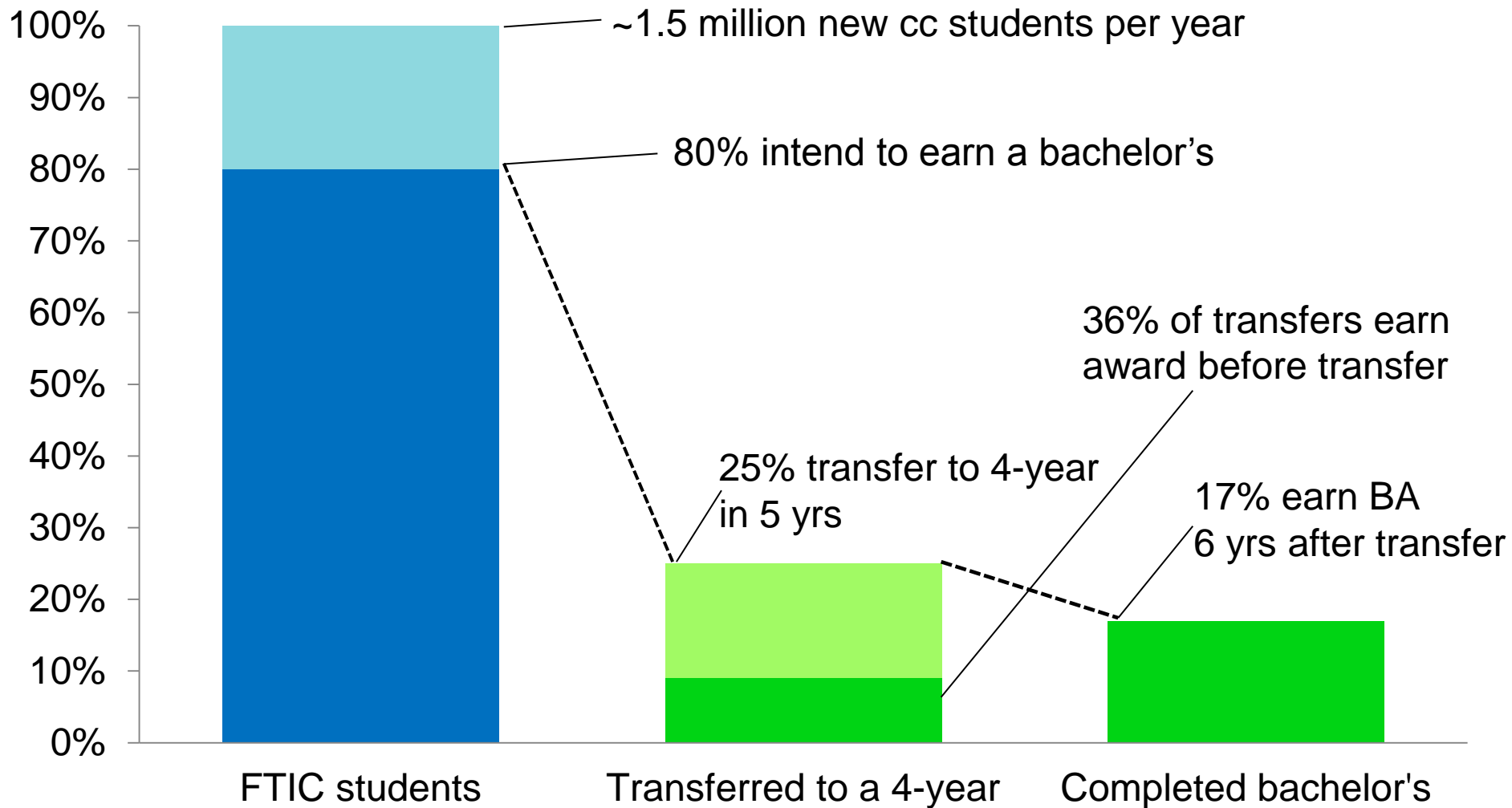
Natural Sciences(N): 6 credits; satisfied by PHY

AFS 190, 210, 211; APG 201(D); AST 108, 118; AVS 101(D); BCH 190; BIO 101, 102, 105, 106, 286(D); BPS 201; CHM 100, 101, 103, 112; GEO 100, 102, 103, 110, 113, 120; HPR 109, 201N, 202N; MIC 190; NFS 207; NRS 190; OCG 110, 123, 131; PHY 109, 111, 112, 140, 185, 186, 203, 204, 205, 273, 274, 275; PLS 150, 190; TMD 113

Social Sciences(S): 6 credits

APG 200(D), 202, 203(D), 301(D); CPL 202(D); ECN 100(D), 201, 202, 306, 381(D); EDC 102(D); EEC 105, 310, 356; GEG 101(D), 104(D), 202(D); HDF 225; HPR 110(D), 201S, 202S; HSS 130; JOR 110(D); KIN 123(D); LIN 200(D); MAF 100; NUR 150(D); PSC 113(D), 116(D), 274(D), 288; PSY 103(D), 113(D), 232(D), 235(D), 254(D), 255(D); SOC 100(D), 212(D), 230(D), 240(D), 242(D), 274(D); TMD 224(D), WMS 150(D)

Unfulfilled Expectations

Sources: NCES and NSC.

Student Experience of Transfer

Problems

- Confusion about programs, requirements
- Transfer credits count only as electives
- Many decide on majors too late
- Students take excess credits, lose time and money

Recurring Themes

- Information inaccurate, inaccessible
- Well-meaning but overwhelmed advisors
- Dysfunctional communication within/ among 2- and 4-years
- Students blame themselves

Pathway Models Compared

Self-Directed (Status Quo)	Guided Pathways
Optional career / college planning	Required plans, exploratory majors
Paths unclear, too many choices	Default, full-program maps
Students not building skills across curriculum	SLOs aligned with end-goal requirements
Assessment used to sort students	Assessment used to diagnose areas where support needed
Pre-requisite remediation focused on Algebra & English composition	Integrated, contextualized academic support for program "gateway" courses
Students' progress not monitored, limited feedback	Proactive progress tracking, feedback, support

LORAIN COMMUNITY COLLEGE, OH

Lcc Vision 2.0

Drive Student Completion and Academic Success

- Improve College Readiness
- Reduce Time and Cost of Degree Completion
- Encourage Early Connection to Careers
- Embed Real World Experiences
- Strengthen Student Support and Engagement
- Launch Personalized Intervention

Source: Lorain County Community College

Default Program Maps

- T&A Co-chairs (all faculty) held work sessions to identify common courses
  - Pivot tables used to find common courses among all programs
  - Gap analysis of LCCC programs with the labor market outlook
  - Created spreadsheets by program of clustered common courses
  - Used flip charts to begin flowcharting common courses

- Met with Program Coordinators with flowchart info
  - Changes made based on new info and feedback from coordinators
  - Student focused approach to changes
  - Widely accepted by coordinators
  - 75% of coordinator meetings completed – remainder Fall 2015

- 2015-16 focus will be on default pathways
  - Faculty involvement will be paramount
  - Large # open-ended electives need pared down to a few choices
  - As meta major narrows down to path, programs coordinators will need to be involved in decisions

Source: Lorain County Community College

Take any of these 7 courses and they will fit into any of the 12 Business Programs (Majors)

ACTG 151

CISS 121

CMMC 151

ENGL 161

ENGL 162

MTHM 151

SDEV 101

12 Business Programs

Accounting - AAB - 0011
Administrative Office Information Systems - AAB - 0209
Business Administration - Entrepreneurship Major - AAB - 0224
Business Administration - Financial Services - AAB - 0018
Business Administration - Human Resource Management Major - AAB - 0229
Business Administration - Management Major - AAB - 0227
Business Administration - Marketing Major - AAB - 0226
Business Administration -- Supply Chain Management - AAB - 0208
Computer Information Systems - Mobile Device Application Development - AAB - 6639
Computer Information Systems - Network Communications Technology Major - AAB - 6649
Computer Information Systems - Software Development - AAB - 6618
Computer Information Systems -- Web Development Major - AAB - 6601

Source: Lorain County Community College

A student who wants to try another accounting class can take ACTG 152 and is still on a path that leads into 10 Business Majors

ACTG 152

Accounting - AAB - 0011
~~Administrative Office Information Systems - AAB - 0209~~
Business Administration - Entrepreneurship Major - AAB - 0224
Business Administration - Financial Services - AAB - 0018
Business Administration - Human Resource Management Major - AAB - 0229
Business Administration - Management Major - AAB - 0227
Business Administration - Marketing Major - AAB - 0226
Business Administration -- Supply Chain Management - AAB - 0208
Computer Information Systems - Mobile Device Application Development - AAB - 6639
Computer Information Systems - Network Communications Technology Major - AAB - 6649
Computer Information Systems - Software Development - AAB - 6618
~~Computer Information Systems – Web Development Major - AAB - 6601~~

Source: Lorain County Community College

Full Accounting Curriculum Guide

			First Year		
Fall Semester					
	ACTG	151	Accounting I - Financial	4	
	ECNM	151	Macroeconomics	3	
	ENGL	161	College Composition I	3	
	MTHM	151	College Mathematics	3	
☆	SDEV	101	College 101	1	
				14	
Spring Semester					
>	ACTG	152	Accounting II - Managerial	4	
	CISS	121	Microcomputer Applications I	3	
	CMMC	151	Oral Communications	3	
	ECNM	152	Microeconomics	3	
>	ENGL	162	College Composition II	3	
				16	
			Second Year		
Fall Semester					
>	ACTG	251	Intermediate Accounting I	4	
>	ACTG	267	Federal Income Tax Procedures - Individuals	4	
	BADM	165	Legal Environment of Business	3	
>	FNCE	251	Business Finance	3	
				14	
Spring Semester					
>	ACTG	252	Intermediate Accounting II	4	
>	ACTG	265	Cost Accounting	3	
	BADM	251	Principles of Management *** OR	3	
>	MKRG	251	Principles of Marketing		
	Science Elective-with lab**			4	
	Electives*			2/3	
				16/17	
			Total Semester Credit Hours	**60/61**	

The default pathway was modified slightly to fit the accounting program, but still at the end of the 2nd semester, a student can choose 8 different business majors with nothing lost

Accounting - AAB - 0011

Administrative Office Information Systems - AAB - 0209

Business Administration - Entrepreneurship Major - AAB - 0224

Business Administration - Financial Services - AAB - 0018

Business Administration - Human Resource Management Major - AAB - 0229

Business Administration - Management Major - AAB - 0227

Business Administration - Marketing Major - AAB - 0226

Business Administration -- Supply Chain Management - AAB - 0208

Source: Lorain County Community College

Exploratory Majors for Undecided

- Transfer and Applied Team identified categories and mapped all programs
- Originally 20 but narrowed down to 12
  - (based on behavioral economics data – Rob Johnstone)
- LCCC will brand as **Career/Major Interest Areas**
- Imbed in LCCC on-line application
  - Reduces choice from 130 to 12
- Students who know what they want can select specific major at 1st required Advising appointment
- Website redesign that will link ALL pages regarding career and programs to labor market data and these 12 areas
- Working out details to launch by September 1

Source: Lorain County Community College

Career/Major Interest Areas

Begin with your CAREER in mind…

Business and Entrepreneurship

Communication and Creative Arts

Culinary and Hospitality

Education

Engineering and Manufacturing

Health Care

Human and Social Services

Information Technologies

Sciences

Personal / Professional Development

Public Safety

Sports and Fitness

A-Z List of Programs

[Click on Health Care]

Health Care

Many of today's hottest careers are in the healthcare field, with career opportunities and personal satisfaction unmatched by other professions.

Nursing

Clinical Lab Science

Dental Hygiene

Diagnostic Medical Sonography

Medical Assisting

Physical Therapist Asst.

Radiologic Technology

Respiratory Care

Sports and Fitness

Lorain County Community College's nursing program gets highest accreditation rating – The Morning Journal, April 2015

[Click to read the article]

[Click on Nursing]

Nursing

LCCC nursing programs provide an exceptional instructional, laboratory and clinical experience to prepare graduates for a career in nursing or to help working nurses advance in their career.

Associate Degree Nursing (RN)

LPN to RN (Access in Nursing)

Paramedic to RN

Practical Nursing

University Partnership

Bachelor of Science in Nursing

Master of Science in Nursing

"As a nurse, we have the opportunity to heal the heart, mind, soul and body of our patients, their families and ourselves. They may not remember your name but they will never forget the way you made them feel."
~Maya Angelou

[Click on Associate Degree Nursing]

Associate Degree Nursing

Become a Registered Nurse

(list job titles for someone who earns this specific credential)

- **Career Information**
- **Curriculum Guide**
- **Course Descriptions**
- **Admission Requirements**

- **Apply**
- **Schedule a Visit**
- **Live Chat**

Employment of registered nurses is projected to grow 19 percent from 2012 to 2022, faster than the average for all occupations. – Bureau of Labor Statistics

Video

Image

Required Plans Tied to Predictable Schedules

- Piloting block scheduling with SAIL Project (CUNY ASAP Replication with MDRC and OBOR)

- Partnering with Ad Astra and Platinum Analytics to be more strategic about scheduling from the student success lens

- eMyCAP provides individualized career and academic plans and help identify courses needed going forward

Source: Lorain County Community College

Earn bachelor's degree by age 20 to prepare for Careers in High-Demand, Well-Paying Jobs

Pathways to University Partnership Bachelor's Degrees

Business Administration	**3+1**
Computer Science and Engineering	
Psychology	**3+1**
Education	
Biology	**3+1**
Accounting	**3+1**
IT	**3+1**

Earn an Associate's Degree and High School Diploma simultaneously – But Flexible to Join When Ready

- Freshman = 6 college credits + HS courses
- Sophomore = 7 college credits + HS courses
- Junior = 30 college credits + (1 or 2) HS courses
- Senior = 34 college credits (16-18 each semester with the remainder of HS requirements met through college coursework)

Source: Lorain County Community College

9th Grade

HS CU Credit	HS Course	LCCC Course	College Credit
1	English 9		
1	Algebra I or Geometry		
1	Physical Science		
1	College & Career Readiness	SDEV 102: Strategies for College Success	3
1		CISS 121: Microcomputer Applications	3
1	Foreign Language		
1	Elective/Open		
1	Elective/Open		
8			**6**

10th Grade

	English 10		
1	English 10		
1	Geometry or Alg. II		
1	Biology or Chemistry		
1			
1	Social Studies II	HSTR 161: US History I	3
1		HSTR 162: US History II	3
.5	Health		
.25	Physical Education		
1	Foreign Language		
1	Elective		
7.75			**6**

11th Grade

HS Credit	HS Course	LCCC Course	College Credit
1 1	English 11	ENGL 161 & 162: College Composition I & II	3 3
1 1	Alg. II or Pre Calculus	MTHM 171: College Algebra MTHM 172: Precalculus	4 3
1 1	Chemistry	CHMY 161 & 162 General, Organic & Biochemistry I & II	4 4
1 1	Social Studies 3	PLSC 156: American National Govt. PLSC 151: Comparative Politics	3 3
1	Economics/Personal Finance		
1	Foreign Language		
10			**27**

12th Grade

HS Credit	HS Course	LCCC Course	College Credit
1 1	English 4	ENGL 255: Intro to Fiction HUMS 151: Intro to Humanities	3 3
1 1	Math 4	MTHM 181: Calculus MTHM 168: Statistics	5 3
1 1	Advanced Science	BIOG 161 & 162 or PHYC 151 & 152	4/5 4/5
1 1	Social Studies	PSYC 151 and SOCI 151 ECON 151/152 (choose 2)	3 3
1	Foreign Language		
1	Elective/Science	PHLY 165: Bioethics or Science	3
10			**31/33**

Save 80% of the cost

College/University	University Costs 4 Years With Room & Board	Bachelor's Degree Completion Cost through MyUniversity	Savings!
Ashland University B.S. in Education	$157,416	$32,798	**79%**
Bowling Green State University B.S. in Biology	$75,400	$11,745	**84%**
Cleveland State University B.A. in Psychology	$85,227	$12,525	**85%**
Hiram College B.A. in Accounting & Fin. Mgmt	$160,600	$24,554	**85%**
Kent State University Bachelor of Bus. Admin.	$77,408	$12,893	**83%**
University of Akron B.S. in Sport Studies	$80,578	$12,811	**84%**
University of Toledo B.S. in Computer Science & Eng.	$83,177	$15,726	**81%**

*** LCCC's in county tuition is $3,077 per year for a full-time student**

Percent savings based on Bachelor's Degree with LCCC's *MyUniversity* Guarantee versus all 4 years at the university rates and incurring room & board.

The University Partnership *of Lorain County Community College*

Career Advantage for Students

1. Clarify Career Goal
- Importance of selecting a major to ensure that students maximize their time and efforts and meet their objectives

2. Apply career goal to educational program
- Provide students with immediate experience with selected program to engage them more fully beginning with their first semester and continuing through their certificate or degree completion. Include work-based learning opportunities.

3. Place graduates in careers
- Work proactively with students by major to provide enhanced job placement opportunities that meet the students' career goals.

Source: Lorain County Community College

JACKSON COLLEGE, MI

Jackson College Exploratory Pathways

- Goal #1: Group individual degree / certificate maps into exploratory pathways with common early semesters for undecided students

- Goal #2 – give students, faculty, and advisors a clear view of the entirety of the pathways in their six career focus areas – Business & Computer Technology, Health Sciences, STEM, Human Services, Liberal Arts, & Skilled Trades & Agriculture

Jackson College Approach

- Also wanted to use data to drive the pathway development

- **Step #1** – Group degrees/certs into career areas

- **Step #2** – Weight courses based on how many different degrees / certs courses are required and by percentage of students within a pathway

- **Step #3** – Arrange pathways by semesters using most common courses first

- **Step #4** – Vet pathway course arrangements with program faculty

Weighting the Courses in the Pathway

- List the certificates and degrees in columns

- List all courses that were required as a core course (C), elective (E), other required (R), or GE course (G) on any of the degree maps

- List the percentage of students in each of the degree / certificate pathways within the career focus area

- Weight each in course in the far left column by adding the column percentages wherever a course is required

Liberal Arts

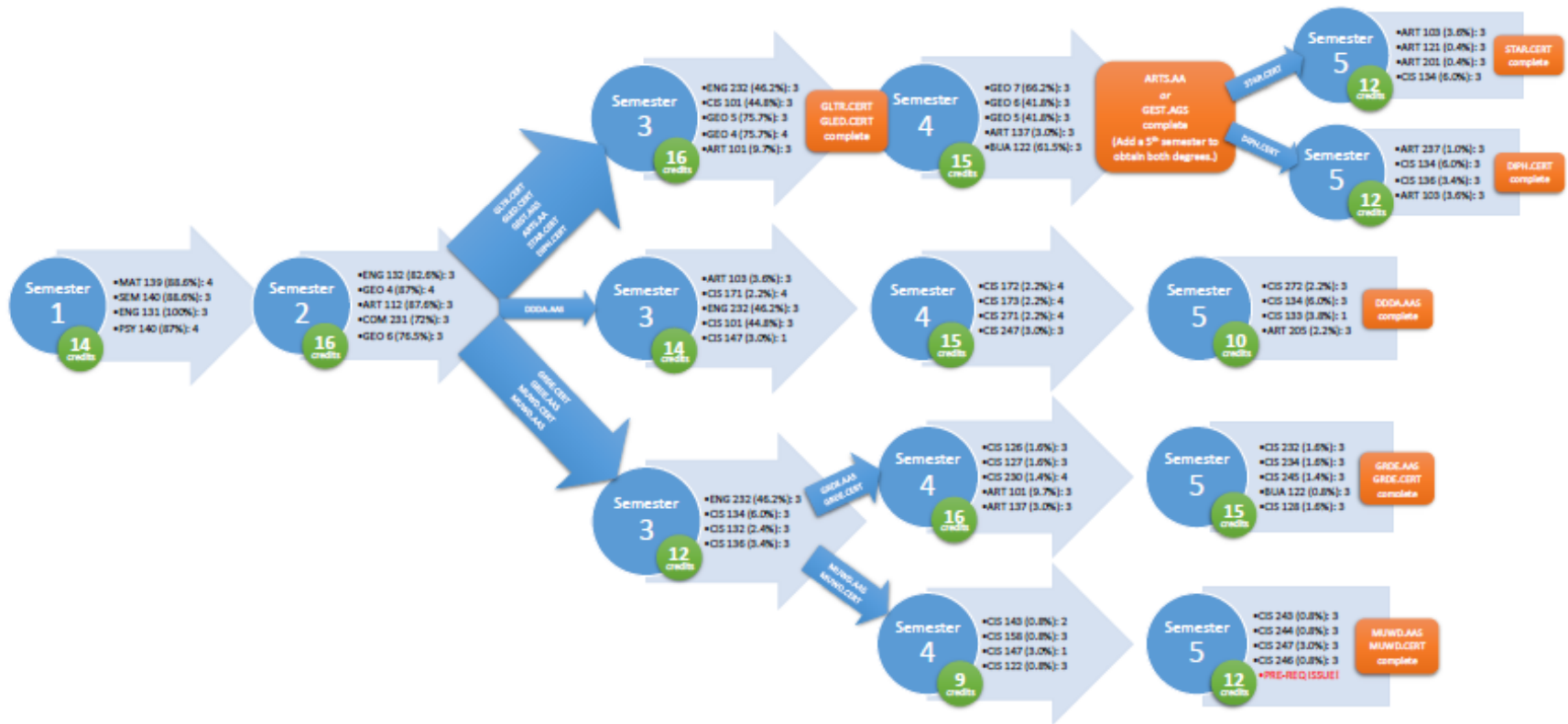|	Class	41.80% arts.aa	1.40% grde.aas	0.80% muwd.aas	0.00% muwd.cert	17.50% gest.ags	1.00% diph.cert	6.90% gled.cert	16.40% gltr.cert	0.20% grde.cert	0.40% star.cert	2.20% ddda.aas
66.20%	ADO 10	G				G		G				
88.60%	MAT 139	G	G	G	G	G	G	G	G	G	G	G
87.00%	ADO 4	G	G	G		G		G	G			G
75.70%	ADO 4	G				G			G			
87.00%	PSY 140	G	G	G		G		G	G			G
75.70%	ADO 5	G				G			G			
41.80%	ADO 5	G										
76.50%	ADO 6	G		G		G			G			
41.80%	ADO 6	G										
70.60%	ADO 8	G	G	G		G		G				G
9.70%	ART 101		R				C	E			C	
3.60%	ART 103						E				C	R
87.60%	ART 112	G	G			G	E	G	G		C	G
0.40%	ART 121										C	
3.00%	ART 137		R				C			E	E	
0.40%	ART 201										C	
2.00%	ART 205											R
1.00%	ART 237						C					
61.50%	BUA 122	E	R	E		E						
0.80%	BUA 130			E								
44.80%	CIS 101	E		C	C							C
0.80%	CIS 122			C	C							
1.60%	CIS 126		C							C		
1.60%	CIS 127		C							C		
1.60%	CIS 128		C							C		

Step #3 Overview – Arrange Courses into Semesters & Create Pathway Graphic

- Create draft pathways, taking into account:

  – Placing highest weighted courses into common early semesters where possible, also ensuring that a non-GE course was in every common first semester

    • This gives students a taste of the career focus area / program of study

  – Prerequisites for course sequencing

  – Goal of completion within two years / four semesters

  – Assuming college-ready status as a point of departure, knowing they would design onramps for students in developmental education

Jackson College Liberal Arts Pathway

LIBERAL ARTS PATHWAY MAP

Jackson College Business Pathway

Jackson College Summary

- Pathway maps clearly show the order of courses to be taken, the number of units in each semester, branching for specific certificates and degrees, and the end points for each of the certificates and degrees

- Clear exploratory pathway maps for each of the six career focus areas

- Common one or two semesters to start each of the pathway maps

MARICOPA COMMUNITY COLLEGE/ARIZONA STATE UNIVERSITY

undergraduate degrees

explore by

alphabetical

A B C D E F G H I
J K L M N O P Q R
S T U V W X Y Z
list all

college

by college

location

Downtown Phoenix campus
Polytechnic campus
Tempe campus
West campus
Lake Havasu City

online

ASU online

keyword

by keyword

Advanced Search

interest

Architecture & Construction

Arts

Business

Communication & Media

Computing & Mathematics

Cool Majors

Education & Teaching

Engineering & Technology

Entrepreneurship

Exploratory

Health & Wellness

Humanities

Interdisciplinary Studies

Law & Justice

Psychology

STEM

Science

Social and Behavioral Sciences

Sustainability

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Cool Majors

REFINE THIS SEARCH

second language
- ○ required
- ○ not required
- ○ no preference

additional details
- ○ accelerated programs
- ○ concurrent programs
- ○ new programs

clear refine criteria

Go

Do you want to be part of the next big thing? ASU develops innovative, interdisciplinary degrees that address the needs of employers.

Degre

Major (Concentration) ⊕	Degree ⊕	Major Map	Campus/ Location ⊕	Online	College/School ⊕	Compare up to 3			
Accountancy ACCELERATED	BS	Major Map	Tempe, West		W. P. Carey School of Business	☐ compare	☐ save	Request Info	App
Aerospace Engineering (Autonomous Vehicle Systems) ACCELERATED	BSE	Major Map	Tempe		Ira A. Fulton Schools of Engineering	☐ compare	☐ save	Request Info	App
Applied Biological Sciences (Applied Biological Sciences)	BS	Major Map	Polytechnic WUE		School of Letters and Sciences	☐ compare	☐ save	Request Info	App
Applied Biological Sciences (Sustainable Horticulture)	BS	Major Map	Polytechnic WUE		School of Letters and Sciences	☐ compare	☐ save	Request Info	App
Applied Computer Science	BS	Major Map	Polytechnic WUE		College of Technology and Innovation	☐ compare	☐ save	Request Info	App
Applied Computing	BS	Major Map	West WUE		New College of Interdisciplinary Arts and Sciences	☐ compare	☐ save	Request Info	App
Applied Mathematics	BS	Major Map	West WUE		New College of Interdisciplinary Arts and Sciences	☐ compare	☐ save	Request Info	App
Applied Science	BAS	Major Map	Polytechnic WUE		College of Technology and Innovation	☐ compare	☐ save	Request Info	App
Applied Science ACCELERATED	BAS	Major Map	West WUE		New College of Interdisciplinary Arts and Sciences	☐ compare	☐ save	Request Info	App
Applied Science (Software and Computing Systems)	BAS	Major Map	Polytechnic WUE		College of Technology and Innovation	☐ compare	☐ save	Request Info	App
Art (Intermedia)	BFA	Major Map	Tempe		Herberger Institute for Design and the Arts	☑ compare	☐ save	Request Info	App
Biochemistry	BS	Major Map	Tempe		College of Liberal Arts and Sciences	☐ compare	☐ save	Request Info	App
Biochemistry	BA	Major Map	Tempe		College of Liberal Arts and Sciences	☐ compare	☐ save	Request Info	App
Biological Sciences ACCELERATED	BS	Major Map	Tempe		College of Liberal Arts and Sciences	☐ compare	☐ save	Request Info	App

NCCCS-UNC Transfe....rar   CfA communication....pdf   CfA communication....pdf   Show all do

undergraduate degrees

by location | by online | by interest | by college | by a-z | by keyword

Accountancy, BS

0 saved programs

☐ save

View the required courses:
2014 - 2015 Major Map
Archives

W. P. Carey School of Business
Study at: Tempe campus, West campus
BAACCBS

Program Description

🖶 Print   ✉ Email

The School of Accountancy's undergraduate program offers two tracks during the senior year. The accounting track is followed by most students and is designed to provide a rich educational experience. The accounting master's internship is the track designed for our most highly qualified students who wish to commit to the MAcc program or the MTax program during the second semester of the junior year. The internship provides a particularly rich and individualized educational experience during the senior year. It includes a number of distinct advantages for students:
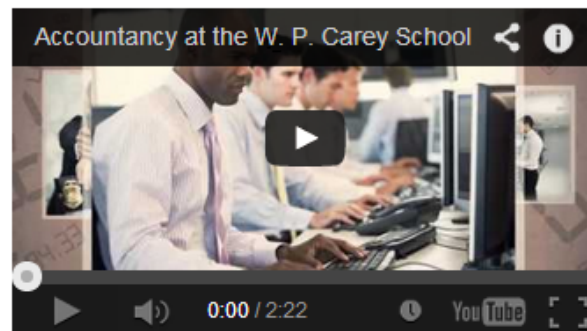
- a full-time paid internship for credit
- early consideration for scholarships and graduate assistantships
- waiver of the GMAT requirement for admission to the MAcc or MTax program

Additional Program Fee: Yes

Second Language Requirement: No

First Required Math Course: MAT 210 - Brief Calculus.

Program Math Intensity: ▮▮▮▯ Moderate

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accelerated

this degree is also available with an accelerated graduate degree

see details

Accelerated Degrees

This degree is also offered as an accelerated degree with:

Accountancy (MACC)

Taxation (MTax)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their junior and senior years by their

Admission Requirements

General University Admission Requirements:

All students are required to meet general university admission requirements. Freshman | Transfer | International | Readmission

Additional Requirements:

Freshmen admission requirements: 1160 SAT Reasoning OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (A=4.00).

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey's business BA programs or any other degree program outside W. P. Carey School of Business. Students who are not admissible to a W. P. Carey Business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a Business BA program in W. P. Carey School of Business.

Readmission requirements: must meet Freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 SAT score OR 25 ACT score OR the student must have graduated in the top eight percent of high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey's Business BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in Exploratory Social and Behavioral Sciences in the School of Letters and Sciences.

Students with more than 45 transfer hours who are not admissible to the School of Letters and Sciences will be contacted to select an appropriate major.

Transfer Agreements

ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District
Arizona Western College
Central Arizona College
Coconino Community College
Eastern Arizona College
Pima Community College
Yavapai College

If your college or university is not listed, please click here.

Career Opportunities

The major in accountancy includes the essential academic preparation for students who are:

- planning to pursue a graduate degree or attend law school
- pursuing professional careers in public, corporate and governmental accounting
- seeking positions in consulting, or planning to operate a business
- seeking positions in personal financial planning and portfolio analysis

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2010-2011) states, "Employment of accountants and auditors is expected to grow by 22 percent between 2008 and 2018, which is much faster than the average for all occupations. Job opportunities should be favorable; accountants and auditors who have a professional certification, especially CPAs, should have the best prospects."

Example Careers: Students who complete this degree program may be prepared for the following careers. Advanced degrees or certifications may be required for academic or clinical positions. Career examples include but are not limited to the following:

	*growth	*median salary
Accountants ⚙Bright Outlook	21.65%	$63,550
Auditors ⚙	21.65%	$63,550
Budget Analysts	15.09%	$69,280
Business Intelligence Analysts ⚙		$81,140
Business Teachers, Postsecondary	15.12%	$73,660
Credit Analysts	15.02%	$61,080
Financial Analysts🍃Green ⚙	19.81%	$76,950
Financial Examiners	41.16%	$75,800
Financial Managers, Branch or Department ⚙	7.65%	$109,740
Tax Examiners and Collectors, and Revenue Agents	13.03%	$50,440
Treasurers and Controllers ⚙	7.65%	$109,740

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

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ASU's Academic Programs: **Undergraduate Degrees: Accountancy**

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2014 - 2015 Major Map
Accountancy, BS

W. P. Carey School of Business

Tempe campus, West campus

BAACCBS

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Term 1	0 - 16 Credit Hours Critical course signified by ◆	**Hours**	**Minimum Grade**	**Notes**
◆	CIS 105: Computer Applications and Information Technology (CS)	3	C	
	ACC 101: Accountancy LEAP Program	1		
	ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
	MAT 210: Brief Calculus (MA)	3-4	C	
	Historical Awareness (H)	3		
	Humanities, Arts and Design (HU)	3		
◆	Minimum 2.00 GPA ASU Cumulative.			
	Term hours subtotal:	16-17		

Notes:

- An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses
- ASU Math Placement Exam score determines placement in Mathematics course
- ASU 101 or College specific equivalent First Year Seminar required of all freshman students.
- See academic advisor for appropriate Student Success course requirement if not a first-time freshman.

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Term 2 — 17 - 32 Credit Hours   Critical course signified by ⬥

	Hours	Minimum Grade	Notes
⬥ ACC 232: Financial Accounting I	3	C	
⬥ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
⬥ MAT 211: Mathematics for Business Analysis	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
⬥ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
⬥ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16-17		

Term 3 — 33 - 48 Credit Hours   Critical course signified by ⬥

	Hours	Minimum Grade	Notes
⬥ ACC 242: Managerial Accounting I	3	C	
⬥ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	
⬥ ECN 221: Business Statistics (CS)	3	C	
COM 230: Small Group Communication (SB)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
⬥ Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

ARIZONA STATE UNIVERSITY

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Transferring to ASU

Progress   Application   Transfer Tools

Keep up with your transfer progress by tracking your requirements here.

GPA Status: Currently met
AGEC Status: Not complete
Associate Degree Status: Not complete
Course Requirements: Not complete

View Transfer Agreement | View your progress

Transfer Details

Pathway Started: Spring 2014
Complete By: Fall 2016
Attend ASU: Add Term
Community College: Glendale Community College
ASU Pathway Major: Accountancy, BS

Financing Your Education

How Amanda paid for college

As a work-study student worker in the financial aid office, Amanda recommends learning about the many different financial aid options and paying close attention to the application deadlines. Working with the staff in the financial aid office is crucial.

Read how other students are paying for college

Cost Estimator | Scholarships for Transfer Students | Apply for Financial Aid

Connect with ASU

For admissions assistance, please contact:

Analisa LaCour
Your ASU admissions representative is here to help find out more about ASU programs and the transfer process. Contact

Visit ASU on Facebook

W. P. Carey School of Business

Please visit myWPC for the latest announcements, events and news regarding the school.

myWPC

The W. P. Carey School of Business

Transfer Calendar | Academic Calendar | **ASU Events**

Mon, Sep 1	Wed, Sep 3	Wed, Sep 3
te univers b shado	Webinars	Resume Writing

Transfer Pathway Tracker Progress for Mark Stratton

Transfer Pathway: Accountancy, BS

Pathway Started: Spring 2014

Community College: Glendale Community College

ASU Pathway Major: Accountancy BS

Associate Degree: Associate of Business

AGEC: AGEC-B

Course data being used

Pathway Requirements

☑ 3.00 Cumulative GPA: Currently met
☐ AGEC: Not complete
☐ Associate Degree: Not complete
☐ ASU Tuition Commitment: Not achieved

Disclaimer

The data used in the Pathway Tracker to determine your progress toward transferring to ASU is from official college or university transcripts received by ASU. Progress toward completion at your community college is tracked separately and verified by the college you are attending. Please contact your community college advisor with questions regarding graduation requirements or status.

Please consult your advisor to ensure the applicability of your courses to AGEC requirements. AGEC degree requirements are determined and awarded by your community college.

Because Arizona State University computes GPAs differently than Glendale Community College, admission to the program can only be certified after ASU calculates and certifies the GPA. All courses must be completed with a grade of "C" or better.

Glendale Community College Course Requirements

☑ = Requirement completed   ▣ = Requirement in progress   ☐ = Requirement incomplete

Specific Requirements *The following requirements must be completed to fulfill this pathway.*	Course Taken	Term Taken	Grade	Completed Hours
☐ First Year Composition: C minimum. ⓐ	ENG 101	SP14	TA	3
☐ COM 225: 3 hours, C minimum. ⓐ				
☑ MAT 212: 3 hours, C minimum. ⓐ	MAT 212	SU14	TA	3
☑ CIS 105: 3 hours, C minimum. ⓐ	CIS 105	SP14	TA	3
☐ ECN 211: 3 hours, C minimum. ⓐ				
▣ ECN 212: 3 hours, C minimum. ⓐ	ECN 212	FA14	TIP	3
☐ GBS 205: 3 hours, C minimum				
▣ GBS 221: 3 hours, C minimum.	GBS 221	FA14	TIP	3
☑ ACC 211: 3 hours, C minimum AND ACC 212: 3 hours, C minimum OR ACC 111: 3 hours, C minimim AND ACC 230: 3 hours, C minimum AND ACC 240: 3 hours, C minimum	ACC 111	SP14	TA	3
	ACC 111	SP14	TA	3
	ACC 111	SP14	TA	3
☐ Business Electives: 6 hours, C minimum. CIS 114DE, CIS 133DA, CIS 162AD, GBS 151, GBS 214, GBS 220, GBS 233, GBS 110 or MGT 251, IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180 or SBU 200.	CIS 114DE	SU14	TA	3
☑ MAT 217: 3 hours, C minimum.	MAT 217	SU14	TA	3

Notes

- Lower Division Business Elective - Select in consultation with a community college advisor.

-

- The Accountancy BS requires that students also complete COM 230 (in addition to COM 225). COM 230 may be taken after transfer to ASU.

- Natural Science - Select at least one SQ within the Natural Science requirement.

Questions?

Contact Information:

Gretchen Schmidt

Executive Director of the Pathways Project

American Association of Community Colleges

gschmidt@aacc.nche.edu