

We Have  
36 Career  
Pathways

What  
Does That  
Mean?

# Science, Technology, Engineering and Mathematics

Do you have an interest in:

- △ Interpreting formulas?
- △ Finding answers to questions?
- △ Experimenting to find the best way to do something?
- △ Working in a laboratory?

## Pathways in Peoria Public Schools:

- Engineering & Technology
- Science & Mathematics

## Career Options

### From High School

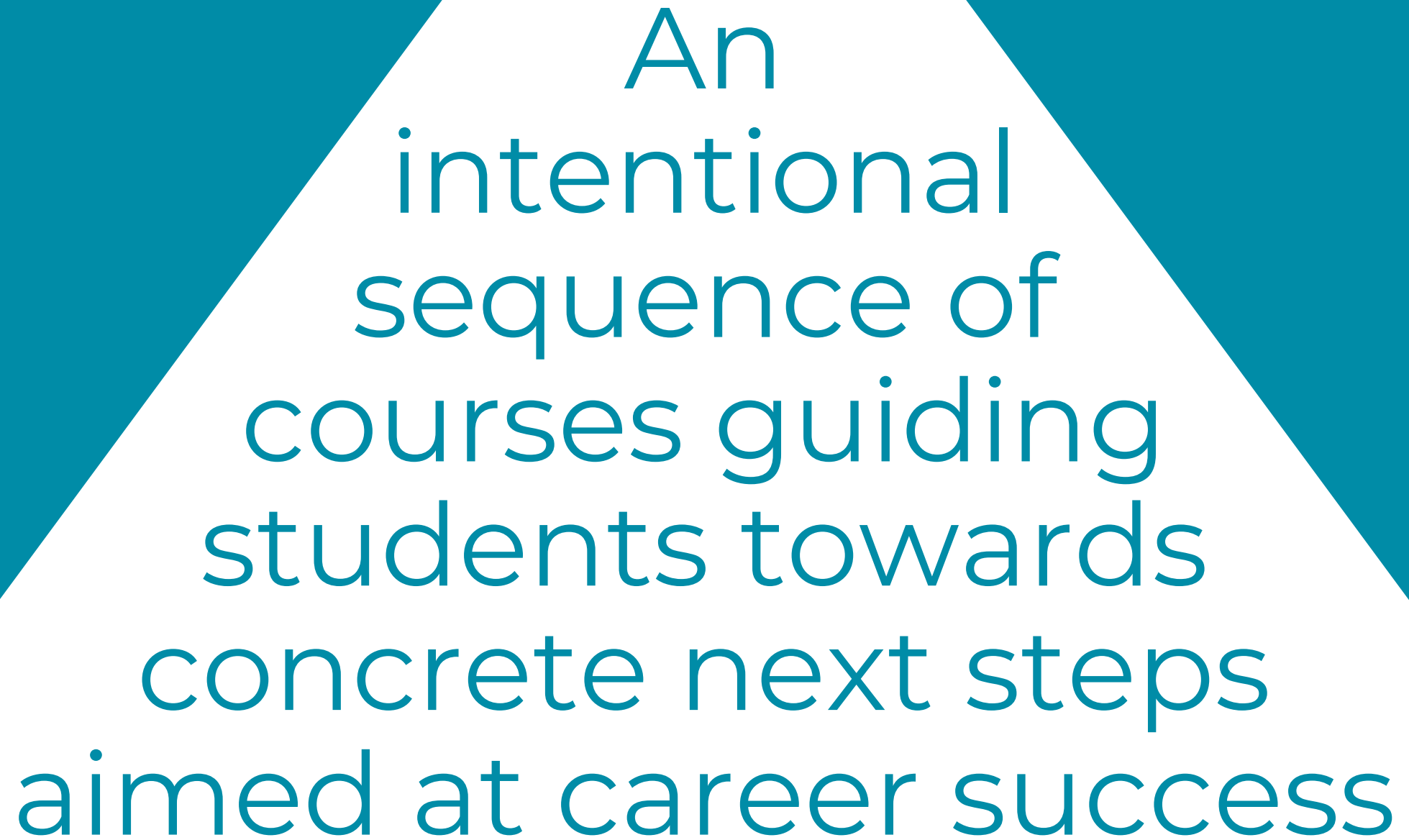
Statistical Clerk

### Certification/Associate Degree

Civil Engineering Technician  
Industrial Engineering Technician  
Chemical Technician

### Bachelors or Higher Degree

Archaeologist  
Civil Engineer  
Mathematician



An  
intentional  
sequence of  
courses guiding  
students towards  
concrete next steps  
aimed at career success

GRADE	CAREER-RELATED	ENGLISH	MATH	SCIENCE	SOCIAL SCIENCE
9		Written & Oral Communication	Algebra	Biology	Human Geography or AP Human Geography
10		World Literature & Composition	Geometry	Chemistry	World History or AP World History
11	10180 Introduction to the Health Care Field (Dual Credit) 10190 Health Occupation Career Observation (Dual Credit)	American Literature & Composition or AP Language & Composition	Advanced Algebra	Physics	U.S. History or AP U.S. History
12	06640 Medical Terminology (Dual Credit) 10200 Nursing Assistant Training (Dual Credit) 06661 06662 Medical Science Academy	Senior English Elective or AP English Literature & Composition	Senior Math Elective or AP Calculus AP Statistics		

OTHER COURSES	WORK BASED LEARNING	SUPPORTING ACTIVITIES
Courses to meet graduation requirements: Physical Education, Consumer Education, Health Electives as appropriate for career goals.	10200 Nursing Assistant Training (Dual Credit)	Career Talks Events, Internships, Camps Clubs and Activities Volunteer Work
069101 Human Growth & Child Development 06620 Practicum in Early Childhood Education 1 (dual credit)		
10290 ESL: Skills for the Healthcare Field		

**INDUSTRY CERTIFICATIONS**

Industry Credentials That Can Be Earned While in High School  
 Students completing 10200 Basic Nursing Assistant Training are eligible to take Nurse Aide Competency exam for certification by State of Illinois as Nurse Aide

**EARLY COLLEGE CREDIT**

Students have several options to earn College Credit during High School including Advanced Placement (AP) and Dual Credit.  
 06620 Practicum in Early Childhood Education 1 is dual credit with IUPER ECE 101 Introduction to Early Childhood Education: 3 credit hours.  
 10200 Nursing Assistant Training is dual credit with IUPER CNA 101 Nursing Assistant Training: 6 credit hours  
 10180 Introduction to the Health Care Field is dual credit with IESC 105 Introduction to Health Care Today: 2 credit hours  
 10190 Health Occupations Career Observation is dual credit with IUPER IESC 106 Health Occupations Career Observation: 1.5 credit hours  
 06640 Medical Terminology is dual credit with IUPER IESC 112 Medical Terminology: 2 credit hours.

**POST SECONDARY**

Post Secondary Certificates, Certifications and Degrees

**GENERAL INFORMATION**

Job Outlook and Wages

- Student
- Career
- Career
- Program
- Career
- Career
- Career
- Career
- Clubs
- Events
- School
- Resources

and  
tical life  
ical  
e academic  
stry

August 22<sup>nd</sup>, 2016

Initial Pathways  
conversation with  
Tom Welsh

Sept. 28<sup>th</sup>, 2016

First school  
improvement  
session with HS  
Counselors

Invited  
Given the Career Clusters, and Peoria  
Separated them into three teams and  
Public's current curricula, please outline  
assigned each team five Career Clusters  
at the high school level, select a path  
the most appropriate sequence of  
and issued this challenge:  
Of 4  
courses for grades 9 - 12

Health Science					
Planning, managing and providing therapeutic, diagnostic services, health informatics, support services, and biotechnology re					
	Career Related Courses	Science	Social Studies	Math	English
Grade 9		Earth, Life or Physical Science, Biology	World History or World Geography	Algebra I or Geometry	English I
Grade 10	Orientation to Health Occ. (MHS), Health Occ. Skill Development (RHS, WCTC)	Biology or Chemistry	Psychology, Sociology (PHS, RHS)	Geometry or Algebra II	English II
Grade 11	ICC 104 (MHS; formerly HEOC 111), 114, Health 120 [First Aid] & 121 [Med Term], BIOL 106 [A&P] Medical Terminology (MHS)	Chemistry, Anatomy, AP Biology, AP Chemistry	US History, AP Psychology	Algebra II, Trig., Stats., or Calculus	English III, AP Language Arts
Grade 12	Health 112 & 116, Health 041 (WCTC) MLT 110	Anatomy, AP Biology, AP Chemistr DC Biology	American Govt./ Econ.	Calculus, Trig., Stats., DC math, Tr	English IV, Dual Credit, AP Lit.
School Activities	Career Enhancement Tools / Work-based Learning				
	UICOMP Mentorship		CPR Training		
	Methodist College Health Career Exploring		Job Shadow		
	Nursing Assistant Certification		Internships		
	First Aid Training				
College & University Majors	College & University Majors				
	Pre-Med				
	Registered Nurse				
	Licensed Practical Nurse				
	Behavioral Health				
	Healthcare Administration				



August 22<sup>nd</sup>, 2016

Initial Pathways  
conversation with  
Tom Welsh

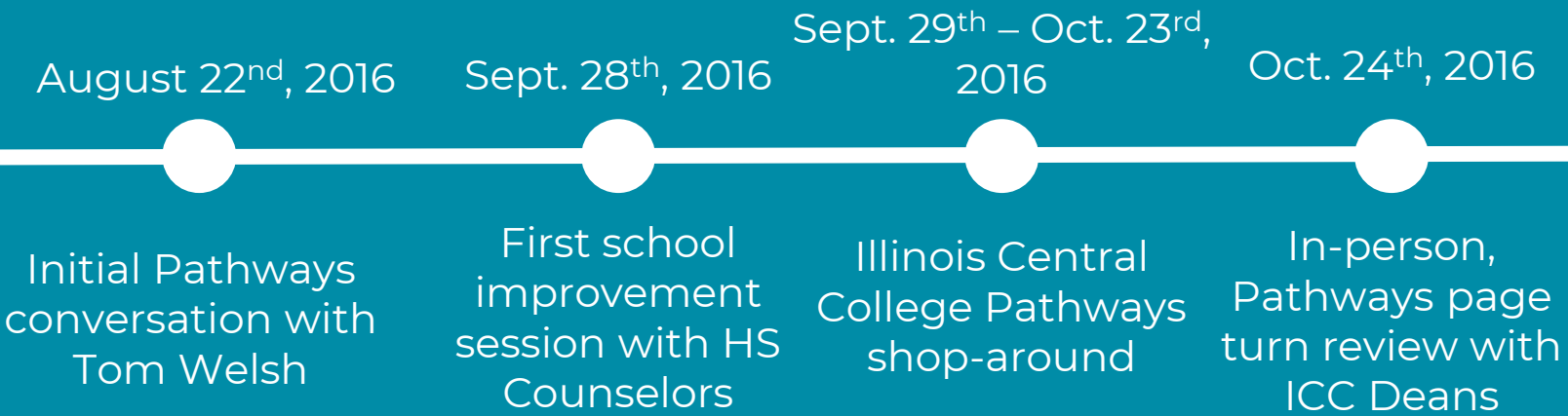
Sept. 28<sup>th</sup>, 2016

First school  
improvement  
session with HS  
Counselors

Sept. 29<sup>th</sup> – Oct.  
25<sup>th</sup>, 2016

Illinois Central  
College Pathways  
shop-around

	Career Related Courses	Science	Social Studies	Math	English
Grade 9		Earth, Life or Physical Science, Biology	World History or World Geography	Algebra I or Geometry	English I
Grade 10	Orientation to Health Occ. (MHS), Health Occ. Skill Development (RHS, WCTC)	Biology or Chemistry	Psychology, Sociology (PHS, RHS)	Geometry or Algebra II	English II
Grade 11	ICC 104 (MHS; formerly HEOC 111), 114 , Health 120 [First Aid] & 121 [Med Term], BIOL 106 [A&P] Medical Terminology (MHS)	Chemistry, Anatomy, AP Biology, AP Chemistry	US History, AP Psychology	Algebra II, Trig., Stats., or Calculus	English III, AP Language Arts
Grade 12	Health 112 & 116, Health 041 (WCTC) MLT 110	Anatomy, AP Biology, AP Chemistry DC Biology	American Govt./ Econ.	Calculus , Trig., Stats., DC math, Tr	English IV, Dual Credit, AP Lit.
School Activities	Career Enhancement Tools / Work-based Learning				
	UICOMP Mentorship	CPR Training			
	Methodist College Health Career Exploring	Job Shadow			
	Nursing Assistant Certification	Internships			
	First Aid Training				
College & University Majors	College & University Majors				
	Pre-Med				
	Registered Nurse				
	Licensed Practical Nurse				
	Behavioral Health				
	Healthcare Administration				
Illinois Central College Programs	Certificates	Applied Science Degree	Associate in Science Transfer Degree	Associate in Arts Transfer Degree	Four-Year Universities Transfer Programs
	Computed Tomography * post degree	Dental Hygienist	Pre-Chiropractic (Plan of Study)	Psychology (Plan of Study)	BSN
	Emergency Medical Tech	LPN to RN Completion Program	Pre-Medical, Pre-Dental (Plan of Study)		Second Degree in Nursing
	Licensed Practical Nurse	Medical Laboratory Technician	Pre-Pharmacy (Plan of Study)		Behavioral Health
	Massage Therapist	Occupational Therapy Assistant	Pre-Veterinary (Plan of Study)		Healthcare Admin & Management
	Medical Assistant (ICC & Methodist	Paramedic	Pre-Physical Therapy (Plan of Study)		
	Nursing Assistant (ICC & Methodist	Physical Therapist Assistant	Dietetics (Plan of Study)		
	Medical Coder				
	Medical Corpsman to Practical Nurse	Radiographer			
	Medical Office Admin Assistant	Registered Nurse			
	Phlebotomist	Respiratory Therapist			
	Surgical Technologist	Surgical Technologist			



**Chairs**

**Tom Welsh**  
*PPS Career Pathways  
Curriculum Lead*

**Brent Baker**  
*Peoria Pathways  
Coordinator*

**PPS  
Representatives**

**Susan Grzanich**  
*PPS Chief Curriculum  
Officer*

**Taunya Jenkins**  
*Chief Academic  
Instructional Officer*

**Illinois Central  
College  
Representatives**

**Wendee Guth**  
*Dean, Healthcare  
Careers*

**Stacey Gehrig**  
*Dean, Ag & Industrial Tech*

**Julie Howar**  
*Dean, Information  
Technology, Business  
Systems and Hospitality*

**Judy Dietrich**  
*College and Career  
Preparedness*

**Sharon Gilbert**  
*ICC Dual Credit  
Coordinator*

**Workforce  
Development  
Representatives**

**David Vaughn**  
*CareerLink Program  
Administrator*

**Chris Kendall**  
*EFE System Director*

**School Activities**

UICOMP Mentorship  
 Methodist College Health Career Exploring  
 Nursing Assistant Certification  
 First Aid Training  
 CPR Training  
 Job Shadow  
 Internships

**Illinois Central College Programs**

**Certificates**

Computed Tomography \* post degree  
 Emergency Medical Tech  
 Licensed Practical Nurse  
 Massage Therapist  
 Medical Assistant (ICC & Methodist)  
 Nursing Assistant (ICC & Methodist)  
 Medical Coder  
 Medical Corpsman to Practical Nurse  
 Medical Office Admin Assistant  
 Phlebotomist  
 Surgical Technologist

**Applied Science Degree**

Dental Hygienist  
 LPN to RN Completion Program  
 Medical Laboratory Technician  
 Occupational Therapy Assistant  
 Paramedic  
 Physical Therapist Assistant  
 Radiographer  
 Registered Nurse  
 Respiratory Therapist  
 Surgical Technologist

**Associate Transfer Degree**

**Associate in Arts**  
 Psychology (Plan of Study)  
**Associate in Science**  
 Pre-Chiropractic (Plan of Study)  
 Pre-Medical, Pre-Dental (Plan of Study)  
 Pre-Pharmacy (Plan of Study)  
 Pre-Veterinary (Plan of Study)  
 Pre-Physical Therapy (Plan of Study)  
 Dietetics (Plan of Study)

**4-Year Universities Transfer Programs**

BSN  
 Second Degree in Nursing  
 Behavioral Health  
 Healthcare Admin & Management

For students interested in obtaining a Bachelor's Degree or higher, they may complete an Associate Transfer Degree in Arts or Science or Engineering at ICC and follow a "Plan of Study" in collaboration with an ICC Advisor to insure a smooth transition to a 4 year institution.

**College & University Majors**

Pre-Med  
 Registered Nurse  
 Licensed Practical Nurse  
 Behavioral Health  
 Healthcare Administration

**Certification/Associates Degree**

**Bachelors or Higher Degree**

**Careers**

Computed Tomography Tech **\$59,120.00**  
 Radiographer **\$58,120.00**  
 Respiratory Therapist **\$54,980.00**  
 Occupational Therapy Assistant (OTA) **\$54,520.00**  
 Dental Hygienist **\$45,760.00**  
 Surgical Technologist **\$44,330.00**  
 Medical Lab Tech **\$43,985.00**  
 Licensed Practical Nurse (LPN) **\$43,170.00**  
 Physical Therapy Assistant (PTA) **\$35,360.00**

Phlebotomist **\$31,630.00**  
 Medical Assistant **\$30,186.00**  
 Medical Coder **\$29,120.00**  
 Medical Office Assistant **\$24,960.00**  
 Certified Nursing Assistant (CNA) **\$24,000**

Surgeon **\$206,040.00**  
 Orthodontist **\$204,000.00**  
 Anesthesiologist **\$187,200.00**  
 Obstetrician and Gynecologist **\$185,640.00**  
 Oral and Maxillofacial Surgeon **\$181,560.00**  
 Nurse Anesthetist **\$157,140.00**  
 Pharmacist **\$121,500.00**  
 Physician's Assistant **\$98,180.00**  
 Biomedical Engineer **\$86,220.00**

Clinical Data Manager **\$80,110.00**  
 Registered Nurse **\$67,490.00**



Crash initiation. Roadside accidents in road training  
Don't let a perfect pathway system?  
Care for site specific activities

## School Activities

UICOMP Mentorship  
Methodist College Health Center  
Nursing Assistant Certification  
First Aid Training  
CPR Training  
Job Shadow  
Internships

## Illinois Central College Programs

Computed Tomography \* post-graduate  
Emergency Medical Technician  
Licensed Practical Nurse  
Massage Therapist  
Medical Assistant (ICC & Methodist)  
Nursing Assistant (ICC & Methodist)  
Medical Coder  
Medical Corpsman to Practitioner  
Medical Office Administration Assistant  
Phlebotomist  
Surgical Technologist

## College & University Majors

Pre-Med  
Registered Nurse  
Licensed Practical Nurse  
Behavioral Health  
Healthcare Administration

## Careers

Computed Tomography Technician  
Radiographer **\$58,120.00**  
Respiratory Therapist **\$54,900.00**  
Occupational Therapy Assistant (OTA) **\$54,520.00**  
Dental Hygienist **\$45,760.00**  
Surgical Technologist **\$44,300.00**  
Medical Lab Tech **\$43,985.00**  
Licensed Practical Nurse (LPN)  
Physical Therapy Assistant (PTA)

Career Cluster: Health Science

Pathway: Therapeutic Services

ICC Pathway: Nursing

### EARLY COLLEGE

If you are a high school junior or senior, you can get a head start on your future by taking college-level courses now! [Visit our Dual Credit webpage for a listing of area high schools with courses available.](#)

COMM 110 | ENGL 110 | HEOCC 114 | HLTH 121 | ICC 104 | PSY 110

### POINT OF ENTRY

High School Diploma or GED

Getting Started: [Apply to ICC](#) | [Apply to Health Careers](#) | [Paying for College](#) | Career Information: [Nursing Assistant](#) | Career Information: [Licensed Practical Nurse](#) | Career Information: [Registered Nurse](#) | [Student Information](#)

### CERTIFICATE OF COMPLETION

Nursing Assistant  
(6 credit hours)

### INDUSTRY CREDENTIALS

CNA

### EMPLOYMENT INFORMATION

Nursing Assistant  
\$9-12/hr

### CERTIFICATE OF COMPLETION

[Licensed Practical Nurse](#)  
(41 credit hours)

### INDUSTRY CREDENTIALS

LPN

### EMPLOYMENT INFORMATION

Licensed Practical Nurse  
\$16-21/hr

### ASSOCIATE OF APPLIED SCIENCE DEGREE

[LPN to RN Completion](#)  
(60 credit hours)

### INDUSTRY CREDENTIALS

RN

### EMPLOYMENT INFORMATION

Registered Nurse  
\$24-29/hr

## 2-Year Universities Transfer Programs

Second Degree in Nursing  
Behavioral Health  
Healthcare Admin & Management

Transfer in Arts or Science or Engineering  
at a 4 year institution.

## Transfer Degree

Data Manager **\$80,110.00**  
Registered Nurse **\$67,490.00**

**Co-Chairs**

**Dr. Margaret Swanson**  
*GP Pathways Co-Director: Curriculum*

**Brent Baker**  
*GP Pathways Co-Director: Workforce*

**District Partners**

**Susan Grzanich**  
*Chief Innovation Officer, Peoria Public Schools*

**Lori Laredo**  
*Asst. Superintendent, East Peoria*

**Keith Brown**  
*Principal, Illini Bluffs*

**Tony McCoy**  
*Principal, Elmwood*

**Heather Bowman**  
*Curriculum Director, Dunlap*

**Melissa Bloom**  
*Curriculum Director, Pekin*

**Illinois Central College Representatives**

**Wendee Guth**  
*Dean, Healthcare Careers*

**Stacey Gehrig**  
*Dean, Ag & Industrial Tech*

**Julie Howar**  
*Dean, Information Technology, Business Systems and Hospitality*

**Anitria Shaw**  
*College and Career Readiness*

**Dr. Emmanuel Awuah**  
*VP Academic Affairs*

**Workforce Development Representatives**

**David Vaughn**  
*CareerLink Program Administrator*

**Chris Kendall**  
*PERFECTSystem Director*

**Phyllis Glaizer**  
*CIVEC System Director*

**Jill Warren**  
*Tazewell County EFE System Director*













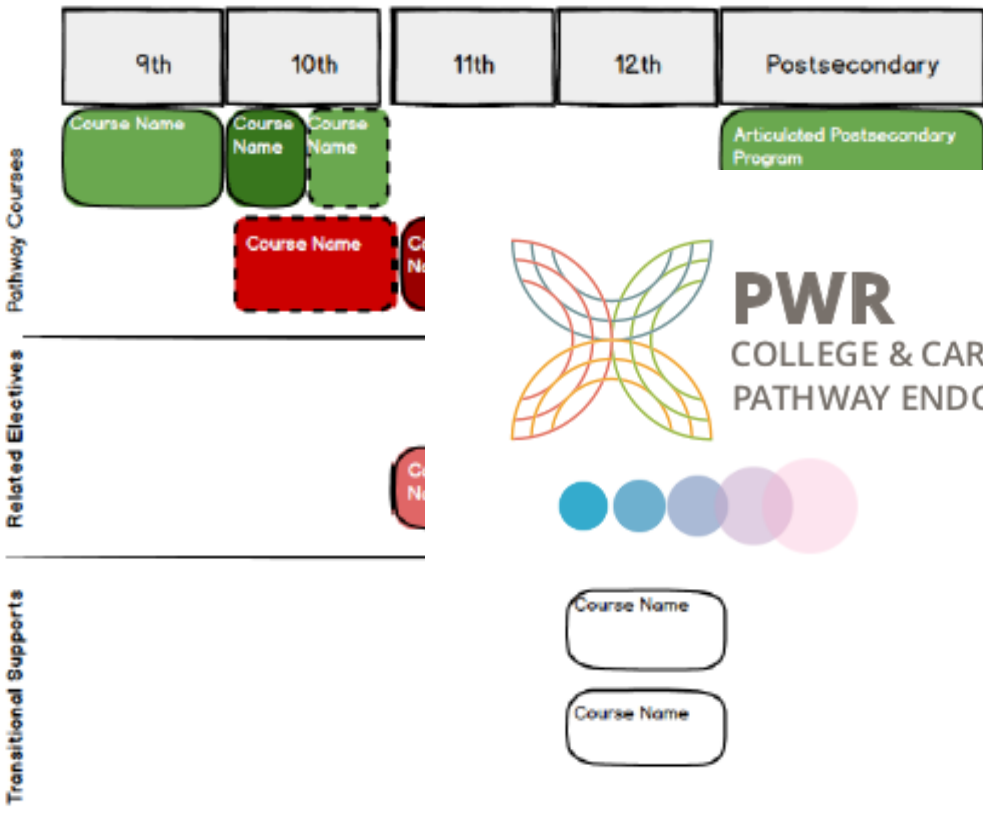
**GP** PATHWAYS

# Title (Endorsement Area)

- Pathway 1
- Pathway 2
- Pathway 3

**Legend**

-  Pathway 1 Course
-  Pathway 1 Course Required
-  Pathway 1 Related Elective
-  Pathway 3 Course
-  Pathway 3 Course Required
-  Pathway 3 Related Elective
-  Early College Credit
-  Career Exploration
-  Team-based Challenges
-  Career Development Experience



Course Name

Course Name

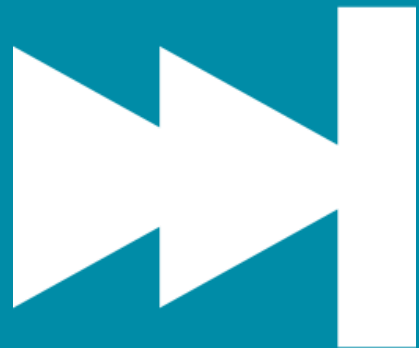
Prof. Learning

  
Experience Title

  
Experience Title



Establishing Accountability & Building Competency With  
Prioritizing College & Career  
Change Across Districts & Schools  
Reading Teacher Shortage  
Community Leadership



Scaling up, Adopting State Approach  
to Hosting Regular Pathways Minis  
Summits' Regional Schools to  
Learn, and Collaborate, &  
Education