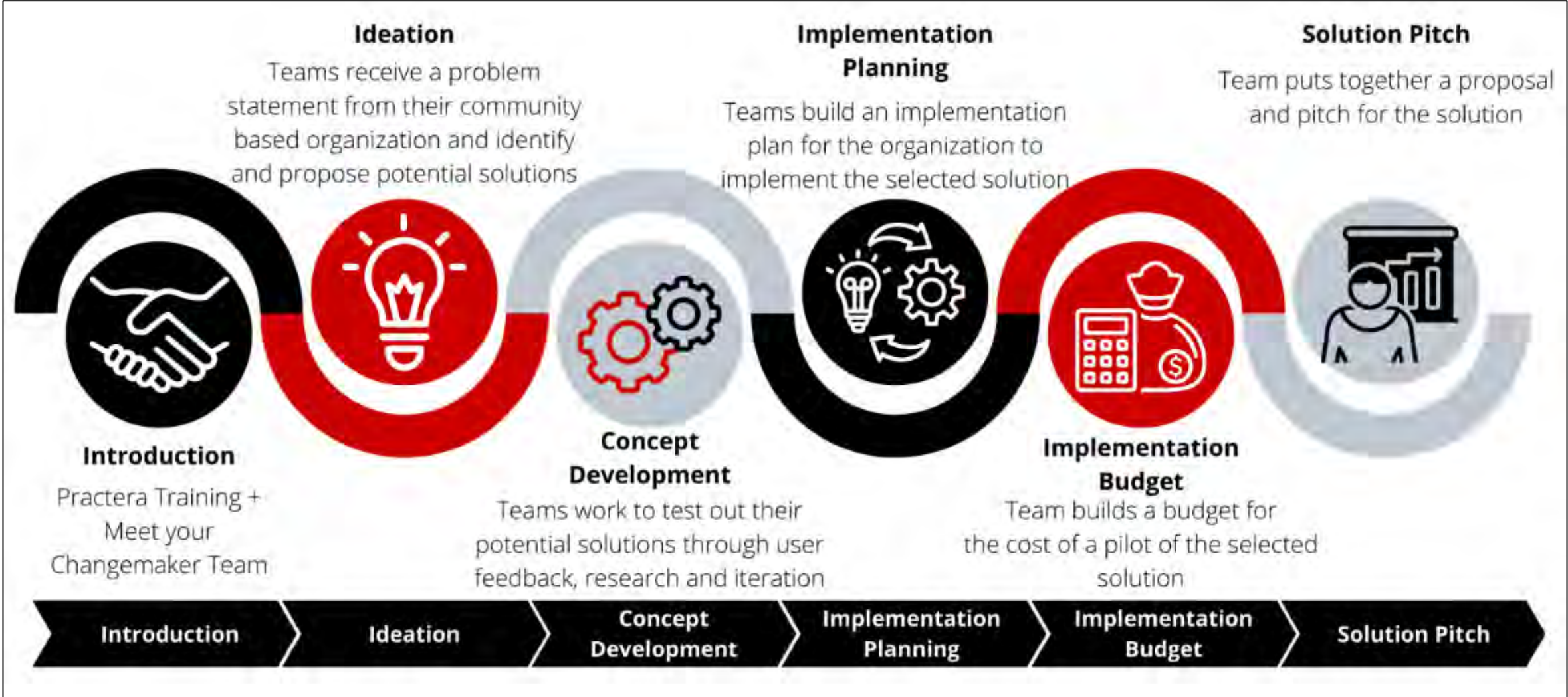




THE CHANGEMAKER PROGRAM

An exercise in **Social Innovation**

Changemaker Program Overview



Example Problem Statements:

- “How can investment firms compete with apps like Robinhood among the GenZ?”
- “Marketing to diverse adolescent asthma populations (12-8 yr olds) for our product Dupixent. What should our messaging be when targeting this population, and their parents, in Boston v. Los Angeles?”
- “What are the origins of vaccine hesitancy and how might we overcome these barriers differently for populations of color v. the population at-large?”
- “The price of insulin continues to be controversial issue amongst diabetes advocates and patient advocacy groups. Is Sanofi doing enough to contribute to everyone gaining access to the product? What additional things should we be doing to help solve this problem?”

You Provide

- A class, group or club of high school students (Between 10 and 50 students)
- 3 – 10hrs a week of student time to work on the changemaker project
- A teacher or point of contact at the school to collaborate with the Northeastern Team and support students.

You Get

- Access to the CHANGEMAKER Program + Practera for your students
- Decreases time investment for professional mentors/youth internship supervisors enabling you to grow your program with the same internal resources
- Some great insights and ideas for your business from a youth perspective
- Northeastern students who have already been through the Changemaker program to coordinate and coach your students

BONUS: The Practera technology captures professional skill development that can be used for WBL Plans.

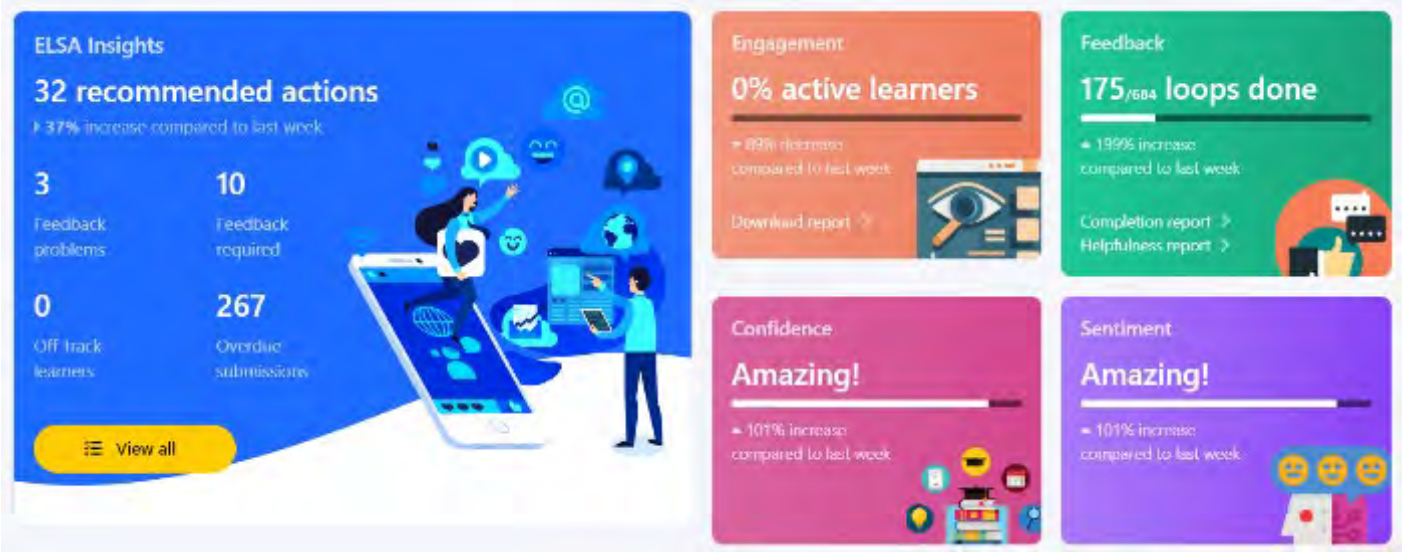


POWERED BY



Practera

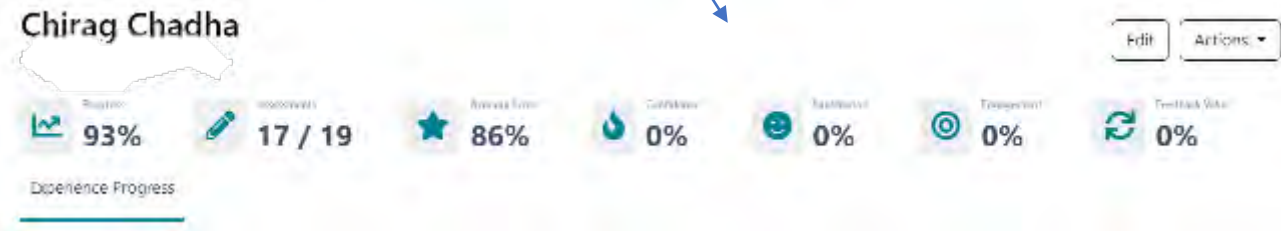
Quality Assurance: Dashboard



Progress

Alerts Needing Attention

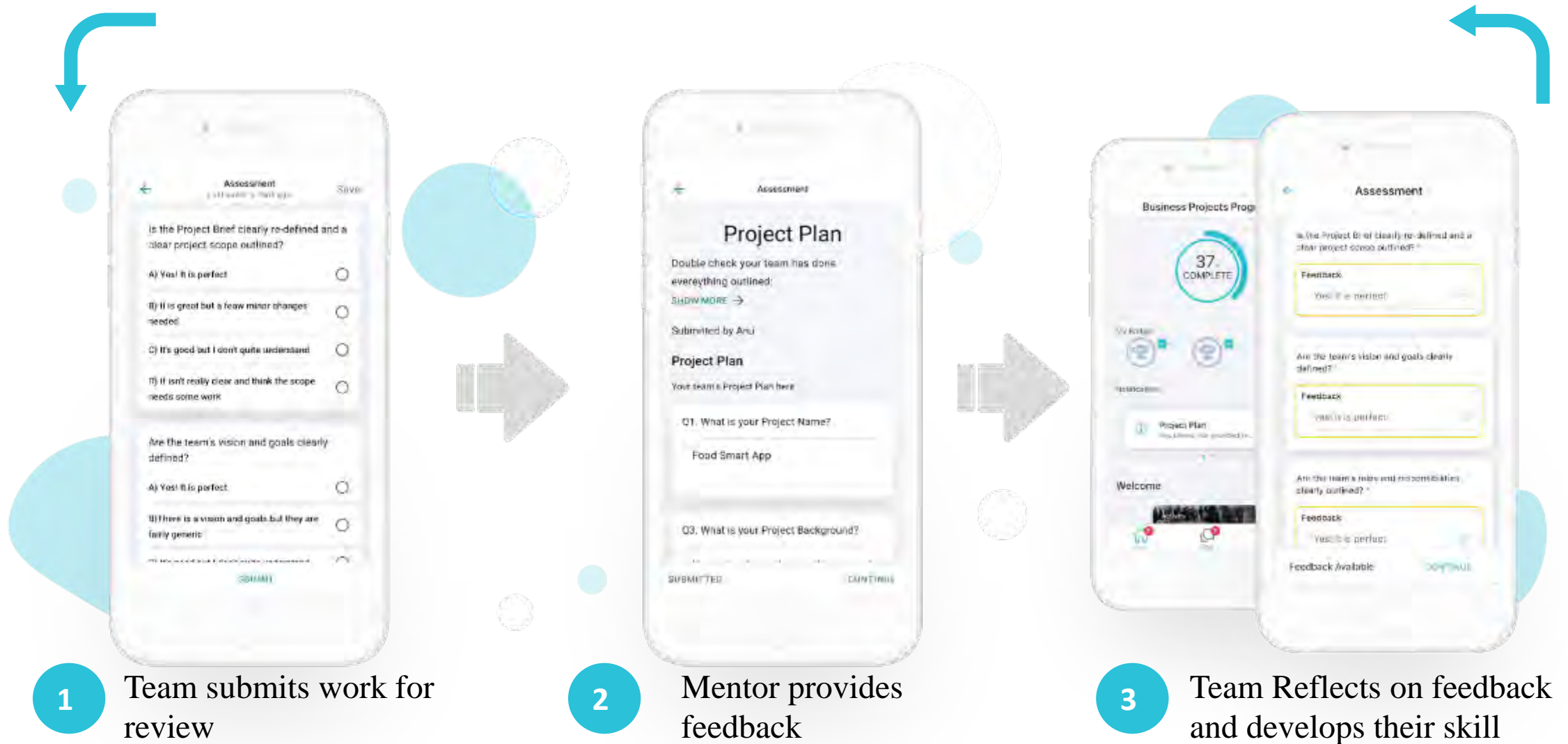
Individual Student Engagement



ELSA Recommended actions (32)

✓	1	Reviews flagged as unhelpful	🔴
✓	1	Reviews flagged as unhelpful	🔴
✓	1	Reviews flagged as unhelpful	🔴
🔴	1	Overdue reviews for Draft Resource Plan	🔴
🔴	1	Overdue reviews for Personal Growth Plan #3	🔴
🔴	1	Overdue reviews for Personal Growth Plan #2	🔴
🔴	1	Overdue reviews for Career Exploration Reflection # 1	🔴
🔴	1	Overdue reviews for Draft Agenda - For Feedback	🔴

Project Team – Mentor Feedback Loops



Northeastern University Student Mentors



Learning Outcomes For Your Students

1. Use digital tools to effectively self-manage a work project
2. Apply innovation methods to identify, develop and communicate a solution.
3. Reflect on and develop professional skills
4. Use work-based learning opportunities to explore career options
5. Understand possible pathways to post secondary education
6. Inclusive of all aptitudes and bridges disparities in competencies and modes of learning



Challenges



Lack of Engagement from
Teachers and Industry
Partners



Training Northeastern
University students to be
mentors

Resources

Website: <https://virtualinternships.sites.northeastern.edu/>

Access to research:

<https://virtualinternships.sites.northeastern.edu/research-publications-presentationsresearch-publications-presentations/>

Google form for next spring or use the code: https://bit.ly/changemaker_2023



Stay Connected

Anjali Kandimalla

Program Co-Ordinator

MassWIN Initiative, Northeastern
University

kandimalla.a@northeastern.edu



Northeastern
University

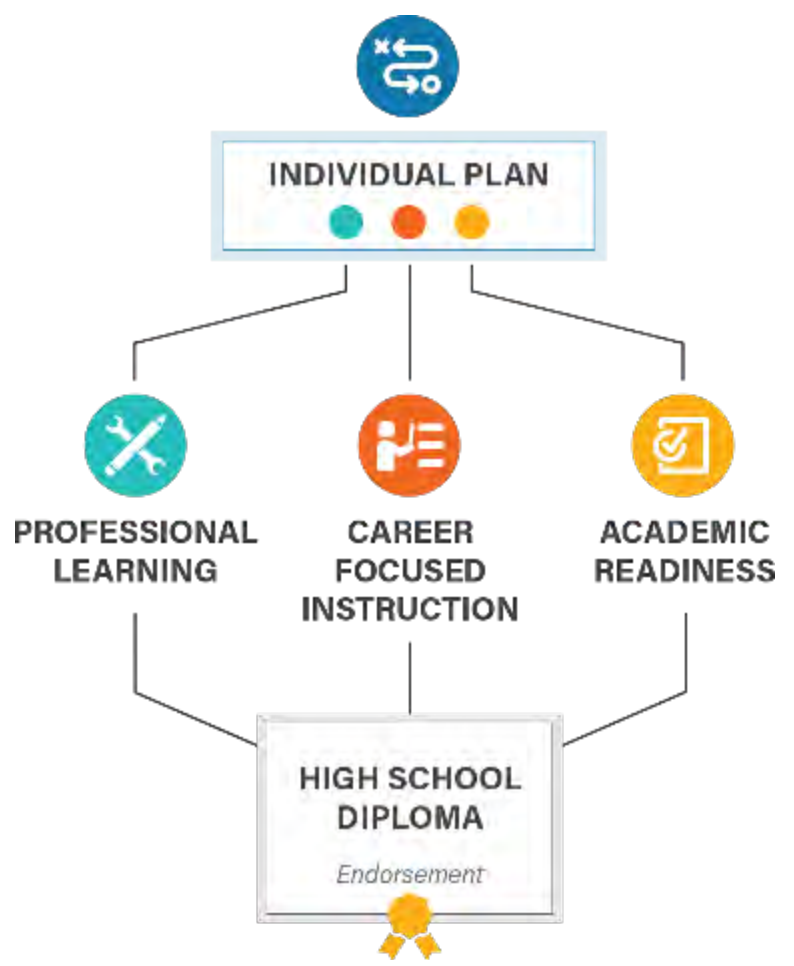
Thank you!

Q&A

Illinois Frameworks & Resources in Work-based Learning



College and Career Pathway Endorsement Framework



INDIVIDUAL PLAN

Each student completing an endorsement must have an individualized plan, which includes college planning linked to early understanding of career goals, financial aid, resume, and personal statement.

PROFESSIONAL LEARNING

Awareness, exploration, and preparation activities that provide opportunities for students to interact with adults in their workplace

9th	10th	11th	12th
At least 2 career exploration activities or 1 intensive experience		60 cumulative hours of paid or credit supervised career development experience with a professional skills assessment	
At least 2 team-based challenges with adult mentoring			

Through these experiences, a student gains essential employability and technical competencies in their identified sector.

CAREER-FOCUSED INSTRUCTIONAL SEQUENCE


Two years of secondary coursework, or equivalent competencies, that articulate to a postsecondary credential with labor market value. Must include at least 6 hours of early college credit.

9th	10th	11th	12th
Orientation / Introduction		Capstone / Advanced Courses	
Skill Development			

ACADEMIC READINESS



Ready for non-remedial coursework in reading and math by high school graduation through criteria defined by district and local community college

Essential Employability and Technical Competencies



Recommended Technical and Essential Employability Competencies
For College and Career Pathway Endorsements

April 2020



POSTSECONDARY AND WORKFORCE READINESS INSTITUTE
TECHNICAL - EMPLOYABILITY - ESSENTIAL - COMPETENCIES

TOP 10 CROSS-SECTOR ESSENTIAL EMPLOYABILITY COMPETENCY STATEMENTS	
Teamwork & Conflict Resolution	Students can use their understanding of working cooperatively with others to complete work assignments and achieve mutual goals.
Communication	Verbal: Students can use their understanding of English grammar and public speaking, listening, and responding, convey an idea, express information, and be understood by others. Written: Students can use their understanding of standard business English to ensure that written work is clear, direct, courteous, and grammatically correct. Digital: Students can use their understanding of email, keyboarding, word processing, and digital media to convey work that is clear, direct, courteous, and grammatically correct.
Problem Solving	Students can use their critical thinking skills to generate and evaluate solutions as they relate to the needs of the team, customer, and company.
Decision Making	Students can use their understanding of problem solving to implement and communicate solutions.
Critical Thinking	Students can use their understanding of logic and reasoning to analyze and address problems.

Illinois' Work-Based Learning Continuum



Definitions: *Illinois Career Pathways Dictionary*

How does Illinois define these WBL experiences?

Career Exploration	Team Based Challenge	Career Development Experience
<p>Provides an individual with the ability to engage directly with employers, for the purpose of gaining knowledge of one or more industry sectors or occupations.</p>	<p>A group problem-based learning project relating to an individual's career area of interest that involves a problem relating to employers within that area, including mentoring from adults with expertise in that area, and requires the individual to present the outcomes of the project.</p>	<p>A supervised work experience relating to an individual's career area of interest that:</p> <ol style="list-style-type: none"> 1. Occurs in a workplace or under authentic working conditions; 2. Is co-developed by an education provider and at least one employer in the relevant field; 3. Provides compensation OR educational credit to the participant (or both); 4. Reinforces foundational professional skills including, at a minimum, those outlined in the Essential Employability Skills framework; and 5. Includes a Professional Skills Assessment that assesses skill development and is utilized as a participant feedback tool. 6. Takes place for a minimum of 60 total cumulative hours

WBL Continuum Overview Resources

- Templates for download on [I-WIN site](#)
- Career Exploration [Presentation](#) & [Recording](#)
- Team-Based Challenges [Presentation](#) & [Recording](#)
- Career Development Experiences [Presentation](#) & [Recording](#)

[Link to I-WIN Resource Hub](#)



I-WIN

Illinois Work-Based Learning
Innovation Network

[Subscribe to the I-WIN Newsletter!](#)



Highlight and explore innovative models for work-based learning, initial focus on virtual



Engage in conversations on creating sustainable, high-quality models that provide broader and more equitable access, with a focus on building social capital for Black and Latinx students



Build connections among communities to share best practices, learnings and resources



Identify needs for state policy changes or support systems

ISBE Pilot Grant: Statewide Resource Bank

In SY21-22, the Illinois State Board of Education provided a grant opportunity for schools across Illinois to pilot Career Exploration and Career Development Experiences. Resources provided on this site include:

- Statewide frameworks and resources that pilot schools utilized to guide their design and implementation processes
- Models and related resources from pilot schools
- Recordings and presentations from Communities of Practice that supported sharing and collaboration among pilot schools

[Link to Career
Exploration and
Career
Development
Experience
Resource Hub](#)

Statewide Team-based Challenge Resource Bank

IDEAS FOR INSPIRATION: TEAM-BASED CHALLENGES

Human and Public Services

Parent Involvement	Prepare plans for various interactions with parents including sending communication home with students, parent-teacher conferences, family nights, etc.
Advocacy Plan	Research local legislative and regulatory issues and determine an issue to develop a campaign and materials to create awareness and gain community/voter support.
Further Evidence/ Arguments	Review legal documents and cases to determine what further evidence/arguments may have supported the case and suggest methods for how that information could have been gathered.
Program Standards and Goals	Evaluate results of programs and make recommendations for program goals and standards to establish in order to improve results.
Remote Learners	Develop solutions to enhance e-learning that address equity and access concerns - this could also include recommendations on how to support more hands-on engagement to minimize screen time in remote learning.

- Organized by College and Career Pathway Endorsement Area
- Includes ideas for inspiration and detailed models, along with a template for designing your own
- Resource bank and materials available on [I-WIN resource hub](#)

Career Development Experience Toolkit

- Establish expectations for implementing high-quality, rigorous work-based learning experiences that prepare young people to be college and career ready through the development of Essential, Entrepreneurial and Technical Employability Competencies
- Provide guidance, tools, and frameworks to offer a Career Development Experience, which is a required component of the [College and Career Pathway Endorsement framework](#) and in the State's Every Student Succeeds Act (ESSA) as a [College and Career Readiness Indicator](#)
- Highlight best practice examples of how organizations are accomplishing this on-the-ground and spark thinking for other communities on how these examples might be modified to fit into their own unique context



Resources

- [College and Career Pathway Endorsement Framework](#)
- [Recommended Technical and Essential Employability Competencies for College and Career Pathway Endorsements](#)
- [Career Pathways Dictionary](#)
- [I-WIN Resource Hub](#)
- [Career Development Experience Toolkit](#)

Staying Connected

Heather Penczak

Director of Innovation and Implementation
Education Systems Center

hpenczak@niu.edu