



I-WIN

Illinois Work-Based Learning
Innovation Network

Health Sciences WBL Continuum

September 20, 2021



Education Systems Center

NORTHERN ILLINOIS UNIVERSITY

Who's here today?

**Please use the chat to write your
name, title, organization**

&

**One word you would use to describe
yourself in high school**

- Please mute computers and/or phones during the presentations
- There will be time for Q&A after each presentation
- Please use the chat to provide any comments or questions throughout



[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



Work-Based Learning Continuum



Definitions: *Illinois Career Pathways Dictionary*



WBL Definitions – Illinois Career Pathways Dictionary

| Career Exploration | Team Based Challenge | Career Development Experience |
|--|--|---|
| 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. | 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. | A supervised work experience relating to an individual's career area of interest that: <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; and5. 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 |



Today's Community WBL Models

Career Exploration

- The Whiteside Area Career Center

Team-based Challenges

- District 211

Career Development Experiences

- Danville Area Community College



WHITESIDE AREA CAREER CENTER PROGRAMS FOR HEALTHCARE

WHITESIDE AREA CAREER CENTER

HEALTH OCCUPATIONS – CERTIFIED NURSING ASSISTANT PROGRAM

ALLIED HEALTH – MEDICAL TERMINOLOGY/PHLEBOTOMY

HEALTH OCCUPATIONS- PROGRAM DESCRIPTION

- Dual Credit through SVCC
 - NRS 101: 4 credits
 - NRS 103: 4 credits
- Potential for CNA Certification at the end of the year
- CPR Certification

HEALTH OCCUPATIONS STAFF

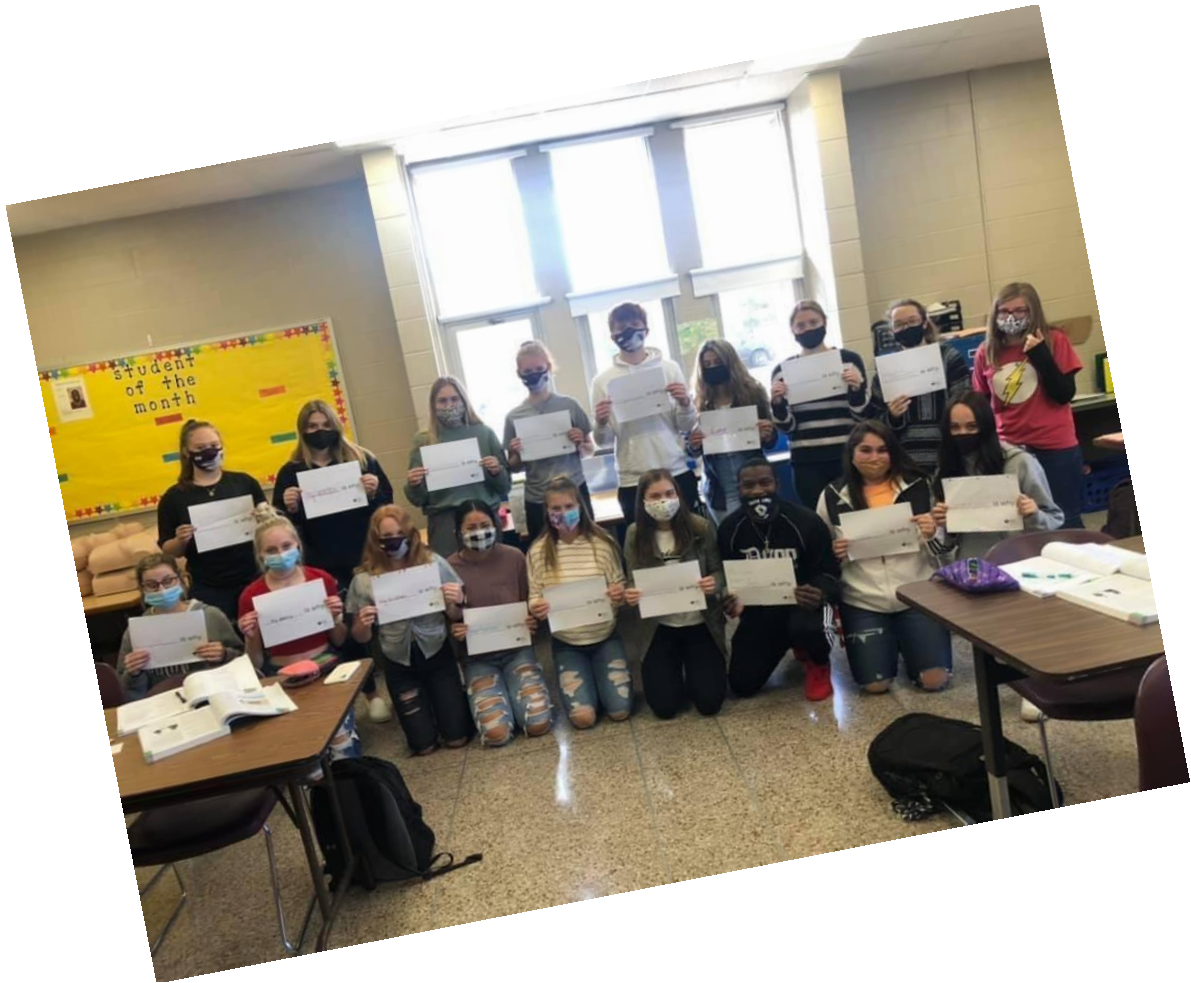
- Sheila Fane, RN: Health Occupations Theory and Clinical Instructor
- Carrie Widolff, RN: Clinical Instructor (Also the Allied Health Instructor)
- Jill Adolph, RN: Clinical Instructor
- Susan Hamstra, RN: Program Coordinator
- Jessie Houzenga, RN: PRN Clinical Instructor
- Meaghan Rivera, RN: PRN Clinical Instructor

CLINICAL SITES

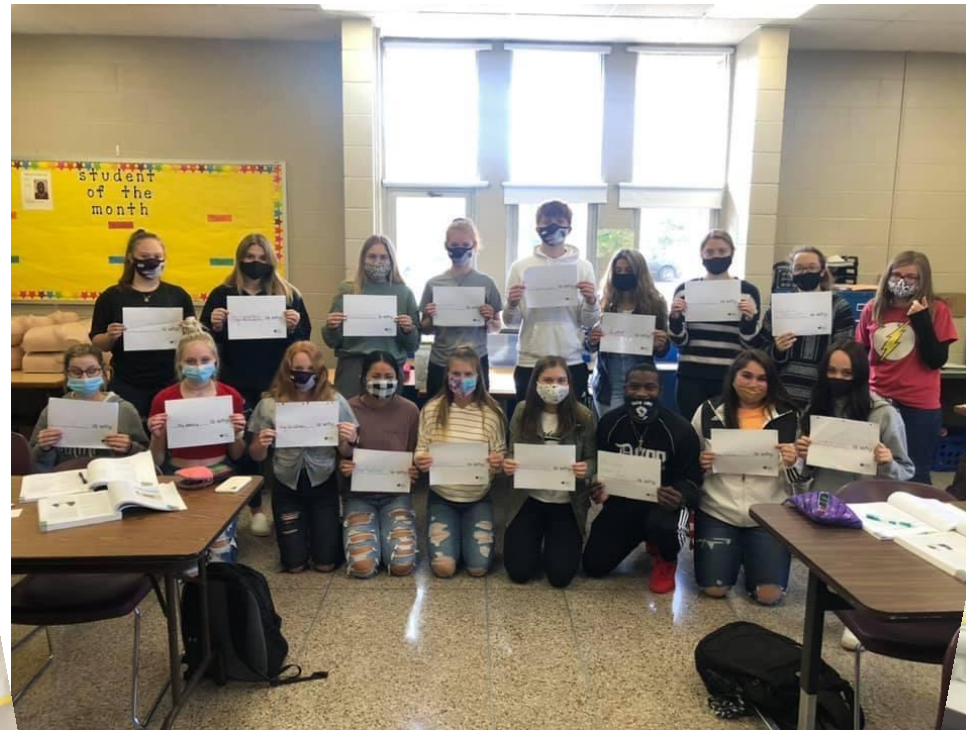
- Citadel of Sterling
- Exceptional Care and Training Center
- CGH Medical Center—Medical Floor

- These three clinical sites allow the students to work with a variety of patient/resident populations; elderly residents, developmentally disabled residents, and acute care patients

CNA FUN!



CNA FUN!



ALLIED HEALTH

Carrie Widolff, RN, BSN

- Med/Surg nurse for 2 years
 - ER nurse for 7+ years
- Started at WACC in 2020 and helped developed the new Phlebotomy course

PROGRAM DESCRIPTION – ALLIED HEALTH

- Dual Credit through SVCC
 - NRS 116 (Medical Terminology): 3 credits
 - Phlebotomy
- Optional Phlebotomy Certification at the end of the year
- CPR certification



INTERNSHIPS

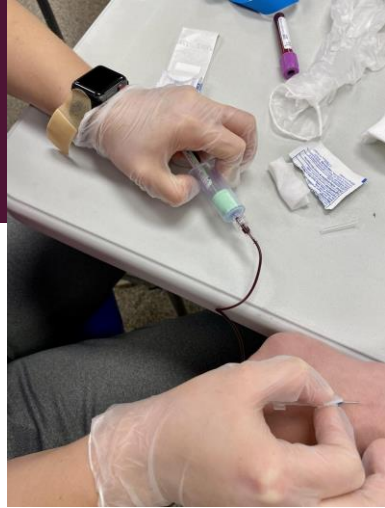


■ Work-Based Learning Internships:

- Vet Clinics
- Dental Offices
- Hospitals – Morrison Community, Community General, Katherine Shaw Bethea
- Orthodontic offices
- Several Physical Therapy locations – CGH, KSB, Cora
- Community General Hospital Laboratory for phlebotomy clinical



PHLEBOTOMY



- New in 2020!
- Hands on
- Optional Certificate
 - Must be 18 and HS graduate to work as a phlebotomist
 - Can take the test if within 1 year of graduation



EXTRAS

What else do we do?

- CPR Certification
- Guest Speakers
- Healthcare related movies/activities
- Field Trips (Museum of Science and Industry)
- Resume Teaching
- Mock Interviews

What can students do after AH/HO?

- Jobs
 - CNA, phlebotomist, nurse, doctor, surgical tech, vet tech, veterinarian, pharmacist, pharmacy tech – the list is ENDLESS!
- Tuition Reimbursement
 - Many healthcare facilities will reimburse college tuition

Guest Speakers

Allied Health

- Chief of Fire from Dixon, IL
- Paramedic/Firefighter from Chicago
- Laboratory Director from CGH

Health Occupations

- Wound Nurse from CGH
- Orthopedic Surgeon from CGH
- Maggie Wike, RN, NAMI Member (National Alliance of Mental Illness)

Guest Speakers, cont.

Combined with multiple classes

- KSB – multiple different departments came to talk to Allied Health and Health Occupations students about the different careers/opportunities available at KSB.
- Whiteside County Coroner – Came to speak with Allied Health, Health Occupations, and Criminal Justice classes

Mock Interviews

Student Preparation

- Resume Preparation
- Cover Letter Preparation
- Interview Question Preparation
- Application Process Preparation
- Appearance/Professionalism Preparation
- Student Portfolios*

Day of Mock Interview

- On scheduled days, health care professionals from the area come to WACC and interview the students. Students are to come dressed professionally with their completed portfolios.

IN CONCLUSION....

- Allied Health is a great class for anyone interested in the medical field. They receive college credit and optional certification in Phlebotomy which would be a great career to start in the medical field. Medical Terminology is required for any healthcare career and is a great starting point whether students want to take the CNA class or are headed off to college.
- Health Occupations is a great jump start to a career in the healthcare field- especially nursing. With two college nursing courses completed and obtaining their CNA certificate, it is the perfect first step. Our goal is to assure that the students have a realistic expectation and understanding of the CNA course itself which will provide them a strong base of knowledge as they embark on their chosen career path; starting with this class.

IN CONCLUSION....

Please contact us with any questions!

Sheila Fane: 815-626-5810 ext 204

sfane@wacc.cc

Carrie Widolff: 815-626-5810 ext 224

cwidolff@wacc.cc

Team-based Challenges

Danielle Hauser

Director of Instructional Improvement

District 211

dhauser@d211.org



Team-based Challenge

From the [Illinois Career Pathways Dictionary](#):

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.



Statewide Team-based Challenge Resource Bank

IDEAS FOR INSPIRATION: TEAM-BASED CHALLENGES

Agriculture, Food, and Natural Resources

| | |
|-------------------------|---|
| Address Community Needs | Research and determine needs in the community for in-demand interests, services, and/or products to develop a plan to address. Could include: starting their own business, connecting local business, enhancing services and/or products currently offered by local community businesses/organizations. |
| Land Use Plan/Design | Develop a land use plan and/or design. |
| Advertising | Create an advertising campaign to promote a local business. Participants can research current marketing methods including local businesses website, social media, articles in newspapers, etc. |
| Computer Program Design | Design computer programs to address needs concerning production and any associated concerns. |
| Product Design | Design and/or build products, equipment and/or facilities to address a local business and/or community need. |
| Studying Effects | Study the effects of a substance or procedure over time and determine its effectiveness. Grow crops and determine a plan for use in research or sale purposes. |

- 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](#)

We need your help! Please send any models to Heather, hpenczak@niu.edu



PROJECT OVERVIEW

| | |
|-------------------------------------|--|
| Team-Based Challenge Title | You and Yours Café – VALEES Graphic Student of the Year Competition 2021 |
| Source | Valley Education for Employment System (VALEES, EFE #130) Designer of challenge and Website: Gautam Wadhwa, College of DuPage |
| Industry Partner(s) | Jason Christiansen, JC Imaginations; Andy Clements, Weblinx Inc.; Meghan Edmonson, Waubensee Community College, Laura Ferguson, Batavia Park District; Andy Kenney, Andy James Design; Josh Wilson, freelance designer; Dylan Zimmerman, BFC Print |
| Endorsement Area | Arts & Communication |
| Problem to Investigate/Scope | Students must design an identity, menu/website for the following business: “You and Yours Café”; “YAY” YAY is a small restaurant/café based in the heart of the arts district of downtown Miami. It specializes in fresh and organic meals and offers an endless opportunity of mixing and matching foods. YAY’s selling point is the fresh, organic, and welcoming atmosphere. It uses bright and ‘beachy’ colors to represent happiness. It has a live music event every night. It uses these events to give the opportunity to and promote local music talent. |
| Project Outcomes | Participants design logo and menu or website layout for YAY. Participants work successfully in teams and learn from industry mentor. |

PROJECT OUTLINE

| Stage: | Topics/Events: | Timeline: | Deliverables: |
|-----------------------------|---|------------|--|
| Preparation | <ul style="list-style-type: none"> - Set Expectations - Skill Development Part 1: review technical components - Meeting Industry Mentor | Day 1 | Visual Moodboards |
| Project Plan | <ul style="list-style-type: none"> - Conduct initial research into similar businesses - Develop an approach to creating the final products | Day 2 | Project Plan Sketches of logo ideas and menu/website layout |
| Project Execution | <ul style="list-style-type: none"> - Research - Status Update #1 – Initial theoretical ideas on design - Status Update #2 – Technical challenges encountered | Days 3 - 5 | Status updates to Industry Mentor |
| Project Finalization | <ul style="list-style-type: none"> - Prep project Presentation | Day 6 | Draft of deliverables and presentation to Industry Mentor |
| Project Presentation | <ul style="list-style-type: none"> - Skill Development Part 3: How to Make Your Pitch - Networking - Feedback from peers/industry mentors | Day 7 | Final presentation: <ul style="list-style-type: none"> - Create a final logo in Illustrator. Present the logo in both positive and negative options in black and white. Also, list the colors and fonts used. - Create 3 images that show the application of the logo. - Create a 4-page menu or a 4-page website layout for the restaurant in Photoshop, Illustrator, Adobe XD or a similar application. |

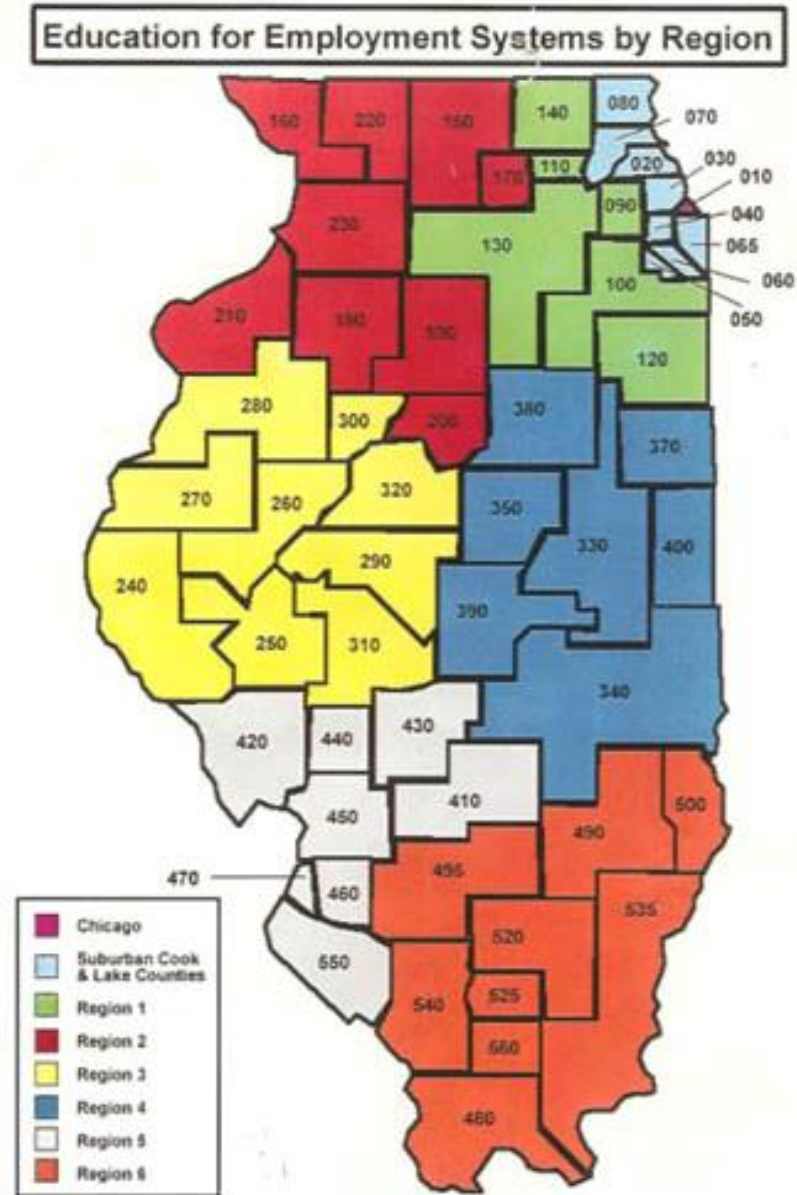


EFE 400/VVEDS

Partnerships That Work!

Education for Employment offices (E.F.E.'s) defined

- 58 in the state
- Each Public High School is associated with one
- Promote and support CTE in Secondary Ed
- We call ours the Vermilion Vocational Education Delivery System (VVEDS)
- Locally controlled







In addition, the following 3 state agencies provide CTE to students receiving agency services in locations throughout the state:




Illinois Department of Corrections
Illinois Department of Mental Health
Illinois Department of Rehabilitation Services

How an EFE is Funded

Perkins

-  Federal \$\$
-  Based on credit hours generated coupled with minority population/income level
-  Contingent on State's maintenance of Effort
-  About 1/3 of total \$

CTEI

-  Solely based on credit generation
-  How the state meets the MOE
-  About 2/3 of total \$

Carl D. Perkins
Vocational and Technical Education Act of 2006



Illinois State
Board of Education

- 🌐 After paying for collective endeavors (office expenses, manufacturing day, career lab expenses, career cruising, etc), we make purchases on behalf of local CTE programs
- 🌐 95% goes to Supplement (not supplant) local school districts
- 🌐 A certain amount is “vouchered and delivered” monthly, and we have to spend it on approvable items by the month’s end
- 🌐 Also overseen by ISBE (grant approval, fiscal and programmatic audits.)



College Express

- History – 20 years ago, we were an AVC
- Dual Credit CTE at DACC
- Junior and Seniors
- Taught by DACC instructors
- Not adapted coursework... true college coursework
- 18 programs, 73 courses, serve over 400 students
- Save students around \$1 million/per
- Funded by tuition paid from the school district (grant funds not used)
- Discounted tuition rate provided by DACC



College Express

Accelerate Your Career while in high school with VVEDS and Danville Area Community College's COLLEGE EXPRESS DUAL ENROLLMENT Career & Technical Programs.

Learn job skills required by local and national employers AND earn high school and college credit for the courses completed at no expense to parents or students.

Programs & Courses Offered Daily 12:30-2:00 p.m.

AGRICULTURE

- ◆ Agriculture Technology
- ◆ Agriculture Economics
- ◆ Agriculture/Animal Science
- ◆ Agriculture Management
- ◆ Employment Seminar

AUTO MECHANICS

- ◆ Intro to Engine Technology
- ◆ Engine Overhaul
- ◆ Fuel Systems & Emission Controls
- ◆ Steering & Suspension Systems
- ◆ Braking Systems

BUSINESS ADMINISTRATIVE TECHNOLOGY

- ◆ Business Etiquette & Ethics
- ◆ Principles of Management
- ◆ Fundamentals of Business Documents
- ◆ Business Communication Strategies

COMPUTER NETWORKING

- ◆ A+ Certification Preparation
- ◆ A+ Linux Operating Systems
- ◆ Client Operating Systems
- ◆ Server Operating Systems

COMPUTER PROGRAMMING

- ◆ Concepts in Programming C++
- ◆ Advanced C++ Programming
- ◆ Intro to Python
- ◆ Advanced Python

CRIMINAL JUSTICE*

- ◆ Intro to Criminal Justice
- ◆ Criminology
- ◆ Patrol Techniques
- ◆ Intro to Corrections

CO-OP

- ◆ Career Readiness Fundamentals
- ◆ Advanced Career Preparation

CONSTRUCTION

- ◆ Intro to Construction Occupations
- ◆ Basic Carpentry I
- ◆ Basic Carpentry II
- ◆ Basic Residential Wiring

CULINARY ARTS

- ◆ Bakeshop I
- ◆ Bakeshop II
- ◆ Culinary Essentials
- ◆ Cooking Methods & Principles

DIGITAL DESIGN AND MAKING

- ◆ Intro to 2D Modeling
- ◆ Intro to Robotics
- ◆ Intro to 3D Modeling
- ◆ Intro to 3D Architecture

EARLY CHILDHOOD EDUCATION*

- ◆ Guiding Children
- ◆ Creative Learning Experiences
- ◆ Children's Literature
- ◆ Math/Science for Children

GRAPHIC DESIGN

- ◆ Graphic Design Fundamentals for Print & Web
- ◆ Graphic Editing & Illustration
- ◆ Digital Pub. Design for Business
- ◆ Digital & Print Media Layout Bus.
- ◆ Illustrator

For more information
217-443-8742
www.dacc.edu

*Courses in these programs have reading, writing and/or math prerequisites.

INDUSTRIAL TECHNOLOGY

- ◆ CNC Set up and Operations
- ◆ Technology in Advanced Manufacturing
- ◆ Machining I
- ◆ Industrial Safety

HORTICULTURE

- ◆ Intro to Horticulture Science
- ◆ Intro to Floral Design
- ◆ Greenhouse Culture
- ◆ Landscape Principles

HEALTH OCCUPATIONS*

- ◆ Orientation to Health Occupations
- ◆ Role of the Nursing Assistant I & II
- ◆ Basic Nursing Procedures

WELDING

- ◆ Structural Welding
- ◆ Pipe Welding
- ◆ Advanced Pipe Welding
- ◆ Cutting & Materials Prep
- ◆ Welding for Manufacturing
- ◆ Blueprint Reading

PROJECT LEAD THE WAY

This is an early bird class 7:30-9 a.m.

- ◆ Intro to Engineering Design
- ◆ Principles of Engineering
- ◆ Digital Electronics I
- ◆ Computer Integrated Manufacturing

Education for Employment 400
VVEDS
Vocational Education & Development Services Center



DUAL ENROLLMENT

P.M. COURSE OFFERINGS



Career Development Experience

Certified Nursing Assistant

Program: What we offer

- 🌐 Students enroll Junior/Senior year
- 🌐 Enables students to learn entry level nursing
- 🌐 Completion results in Certification
- 🌐 Employment Opportunities

IDPH

- 🌐 **Mandates program**
- 🌐 **99 hours- Theory and 40 hours Clinical**
- 🌐 **Theory Contact**
- 🌐 **Skills**
- 🌐 **State Exam leads to Certification**







How it works:

- 🌐 Once students complete the classroom portion, they continue into a healthcare facility that enables them to use the skills they have learned in class
- 🌐 They are observed by an instructor
- 🌐 They follow the policies and procedures of the facility
- 🌐 They work along side employees

Facility

- Long Term Care
 - Skilled
 - Dementia/Alzheimer's
 - Wound Care
 - Rehab
- Hospital
 - Med/Surg

What does the student gain:

-  Patient Care experience
-  Certification
-  CPR training
-  Employment
-  Tuition Reimbursement
-  Program Advancement

Announcements & Closing

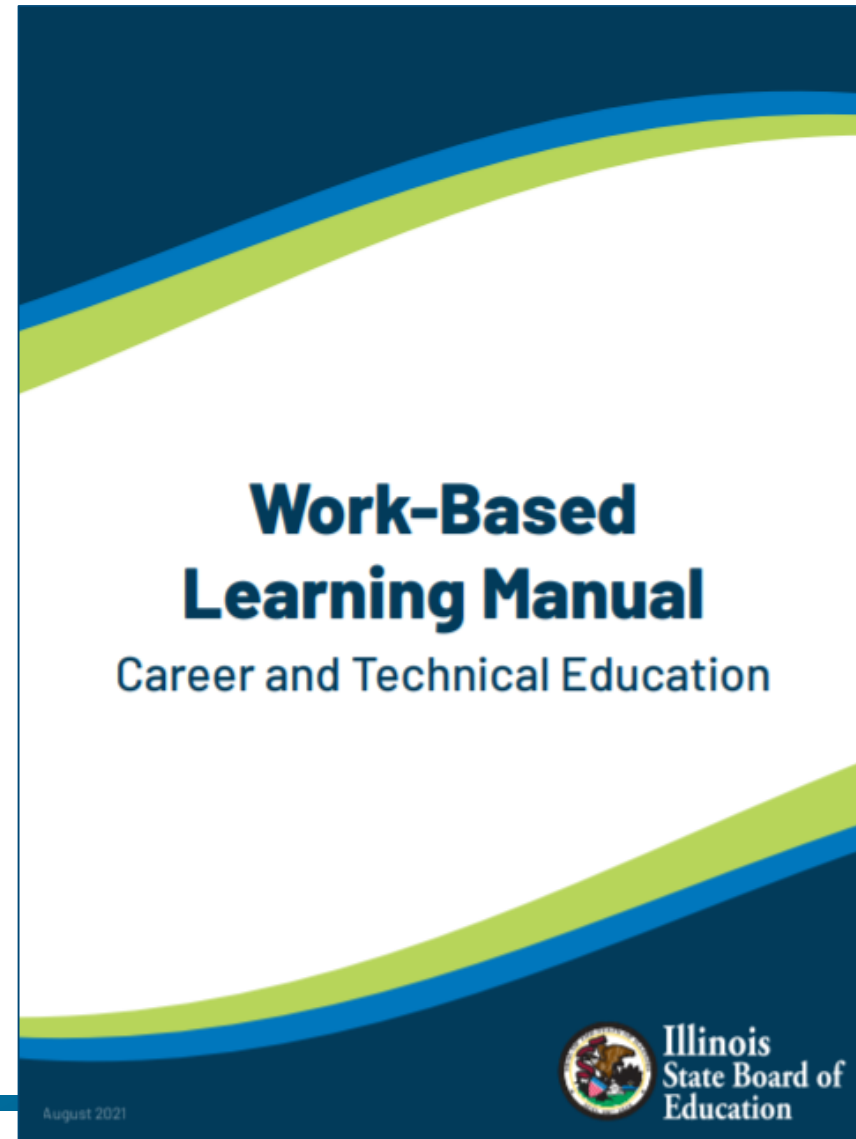


ISBE Work-based Learning Manual

[This manual](#) provides guidance for creating and improving work-based learning opportunities for K-12 students.

This resource is a living document and ISBE would value any feedback or resources as they continue to keep guidance updated.

Karen Lockhart, klockhar@isbe.net



Webinar for the Model Programs of Study in Health Sciences & Technology

Join tomorrow, September 21st at 2:00p to learn about the key recommendations of the Health Sciences Model Programs of Study Guide (edsystemsniu.org/guides)

This webinar is designed for community college faculty and staff (particularly academic deans and department heads, early college liaisons, and employer relations staff) and is also open to high school faculty working in pathways.

This is the first in a special webinar series focused on the Model Programs of Study Guides hosted by EdSystems in partnership with the Illinois Community College Board (ICCB). [Register Now.](#)



Additional Events/ Resources

- Illinois Community College Board [Forum for Excellence](#), September 23rd & 24th
 - WBL Continuum: 9/23, 11a-12p
- Iowa [Health Science WBL Toolkit](#)
- I-WIN Presentation: [CDEs in Health Sciences](#)
- Summer WBL Continuum Design Workshops
 - Templates for download on [I-WIN site](#)
 - Career Exploration [Presentation](#) & [Recording](#)
 - Team-Based Challenges [Presentation](#) & [Recording](#)
 - CDEs – [Presentation](#) & [Recording](#)



Next Steps

- The recording and materials from today will be sent out shortly
- Submit a resource through the [I-WIN site](#) or directly to hpenczak@niu.edu – looking especially for Team-based Challenges!
- Please let Heather know if you are interested in presenting on your model or have recommendations for community WBL continuum models for Education and/or IT to share at I-WIN

Thank you all for joining and wishing you a wonderful start of your school year!

