

Variety is the Spice of Life: Health Science Lesson Ideas From Around the State

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Collaboration Across the Hallway & Across the State



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COLLABORATE

\kə-'lɑ-bə-,rāt\
\\kə-'la-bə-,rāt\\

- “to work jointly with others or together especially in an intellectual endeavor”



What's gained when students collaborate?

- Leadership
- Experience in sharing/ exchanging knowledge/'public speaking'
- Working as a team/ team member
- Inspire others to explore the topic or course
- Networking



Explore ways to involve students in collaborating with others...



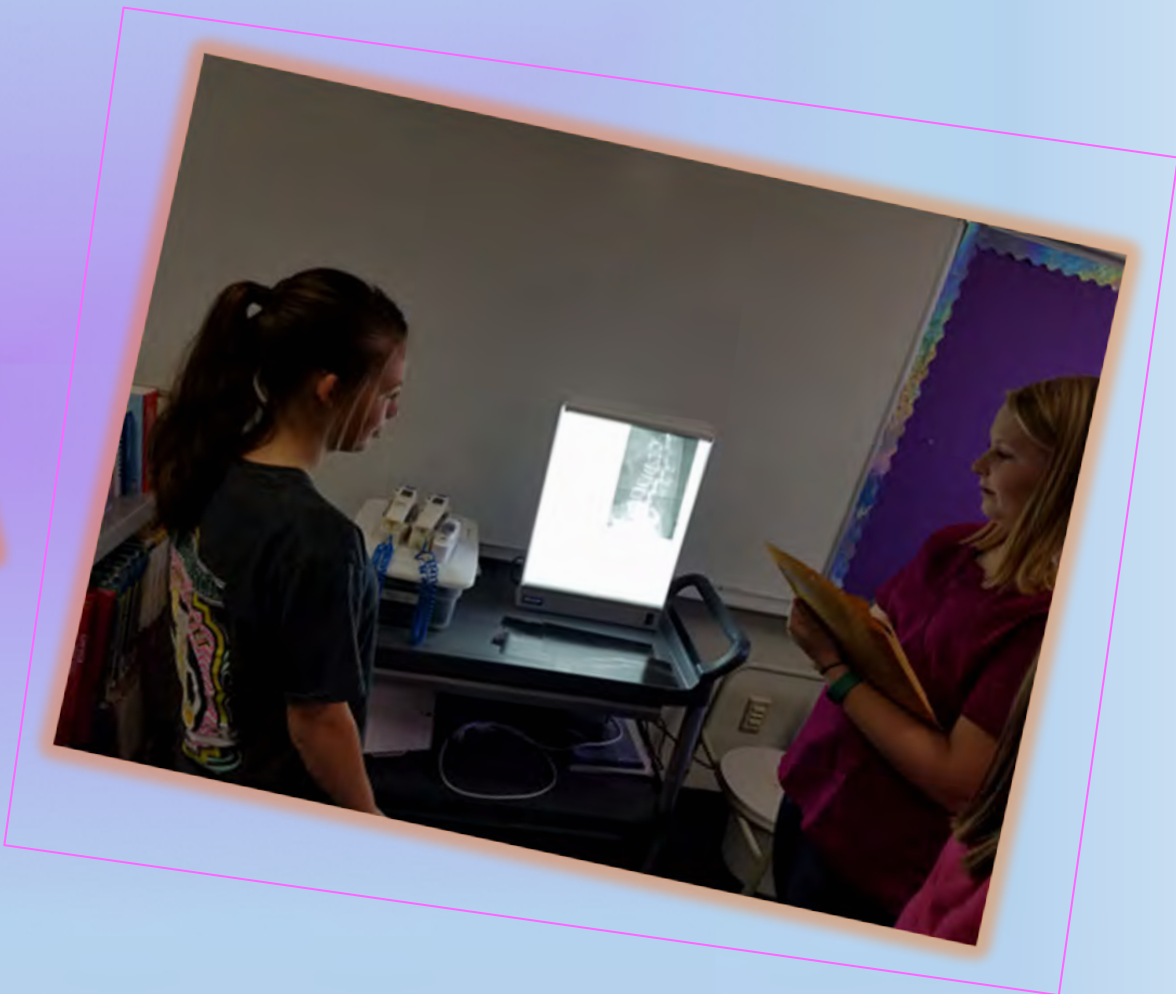
...with students from across the hall



- Invite a class that is related to your content to visit
 - Example: PLTW's Principles of BioMed, Human Body Systems or Medical Interventions
- Hands-on stations for group learning activities







...with an off-site class from one of your sending schools

- It's a collaborative field trip for the other class.
- Example: A Sociology 'Social Problems' class visited us
 - 'Mock ER in our class –
 - My students were hospital and ambulance staff
 - Visiting students were patients & family members
 - Scenarios featured 'social stigmas'



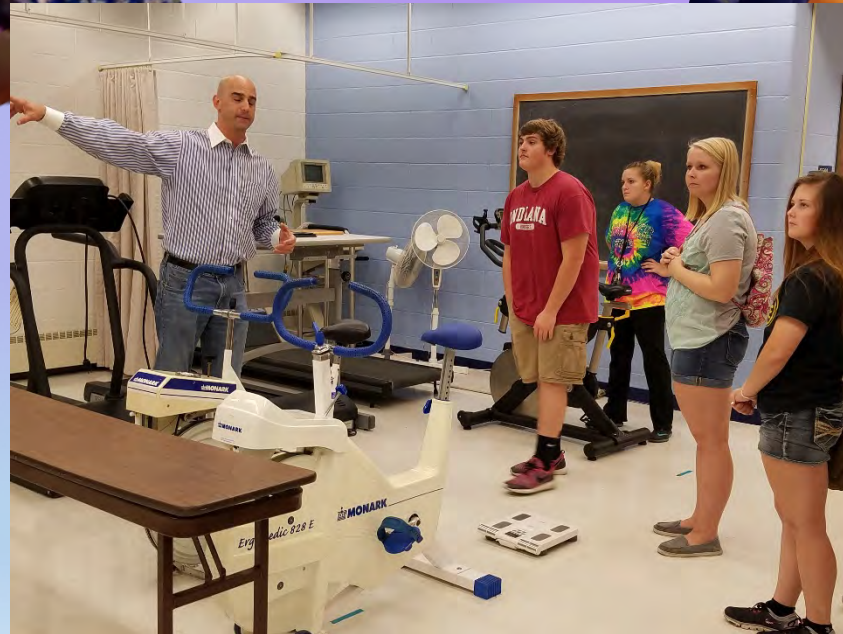


...with students from other CTE schools

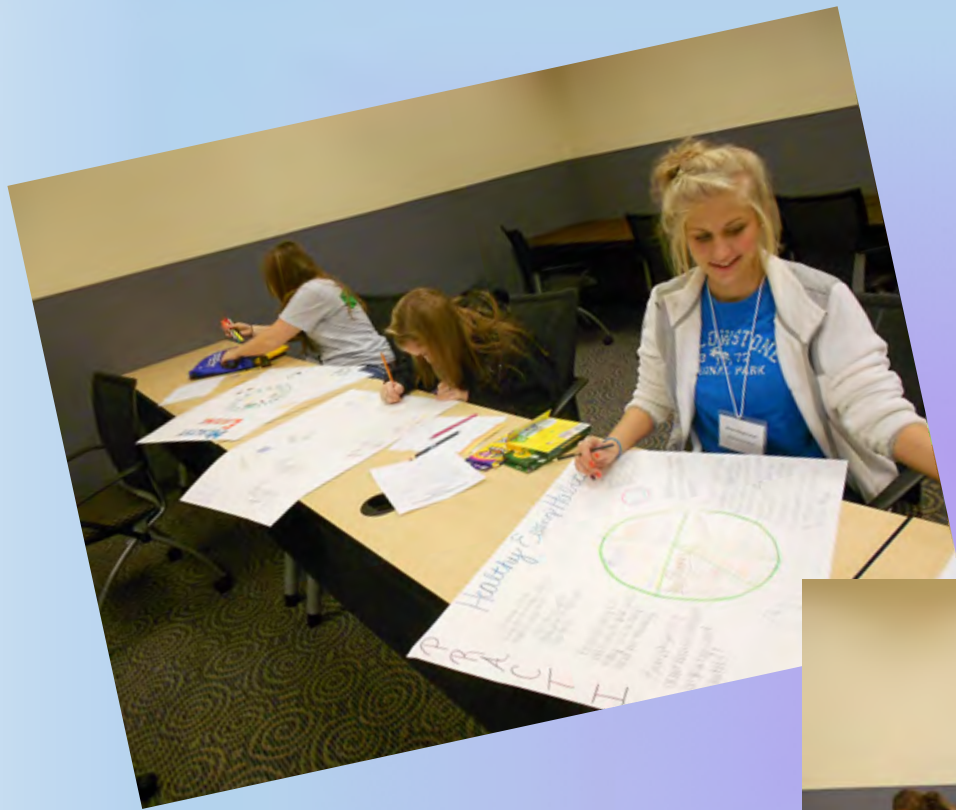
- HOSA Day at ISU (WCI-AHEC arranges it)
 - Tours, cadaver lab, lab activities with various majors, Med Term test competition.
 - 3-4 schools
- ‘Mock’ HOSA competition
 - 3-4 schools
 - Like a mock HOSA SLC
 - Several competitions – using HOSA guidelines



*** Photos from HOSA days at ISU**



- Photos from Mock HOSA



Winners!

...with industry partners from your communities.

- Health Fairs with local healthcare facilities
- Video marketing
 - Current video in production; we were invited to participate, by local hospital (clinical site)
- Servers/ Maitre D at Gala Event for hospital foundation
- Clinicals
 - Good student networking/ hands-on experiences. Collaborating leads to jobs.



Community Health Fair– approx. 20 Health facilities involved. We checked B/P, weights, and BMI

* Photos from gala and clinicals



Remember yourself too! Collaborate with other colleagues...

- During summer break.
- Classroom & teacher social media pages
- IDOE Learning Connection
- Conferences
 - Attend/ socialize
 - Consider presenting/ sharing your ideas



- You will:
 - Gain fresh ideas
 - Share your expertise
 - Have fun
 - Get out of a teaching rut

Interactive and Engaged

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Vigo County School Corporation - Health Careers Instructor

Topics

1. Mock Patient/Environment Activity

1. Weekly Worksheet

1. Fitness Testing

Mock Patient/Environment

Purpose:

Students interact with each other, look for unsafe conditions, and infection control violations

Mock Unsafe Patient/Environment

- Divide class into 2 groups

- Place supplies on over the bed table

Examples of supplies that could be used:

Urinal, bedpan, specimen cup, PPE, chocolate syrup, syringe, oxygen tubing, etc

- Remind students to create realistic situation



Group 1

Take supplies and create a unsafe situation with mannequin and environment



Group 2

Write down all items that are unsafe or violate infection control

Give group 2-3 minutes to complete their list



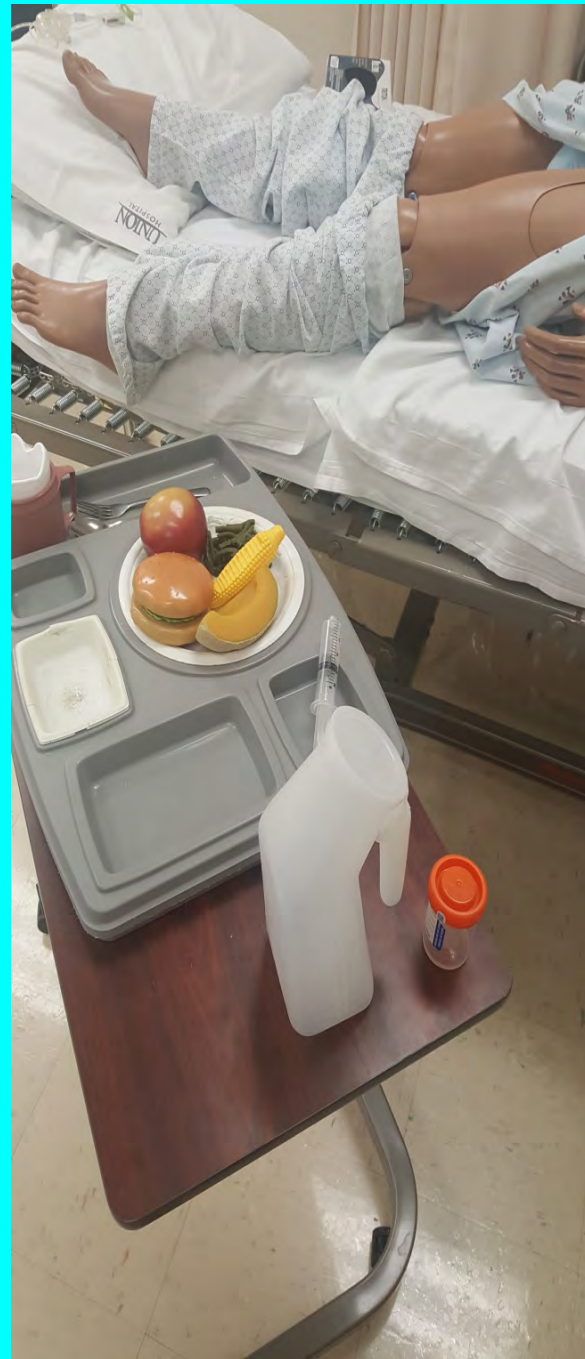
Switch Groups

After both groups complete scenario:

- Have students write down 10 situations that are realistic
- Situations that they could see with a patient when they walk into the room
- Reminds students to always check the patient and their environment for safety







- water out of reach
- needle on tray
- urinal on table (container)
- gloves on bed
- catheter out of position
- IV at end of bed
- Apron on not eating
- bed is raised
- no call light
- Banana on bed
- pants are down
- no pillow behind head
- rails are down
- used napkin
- patient is uncomfortable

Weekly Worksheet

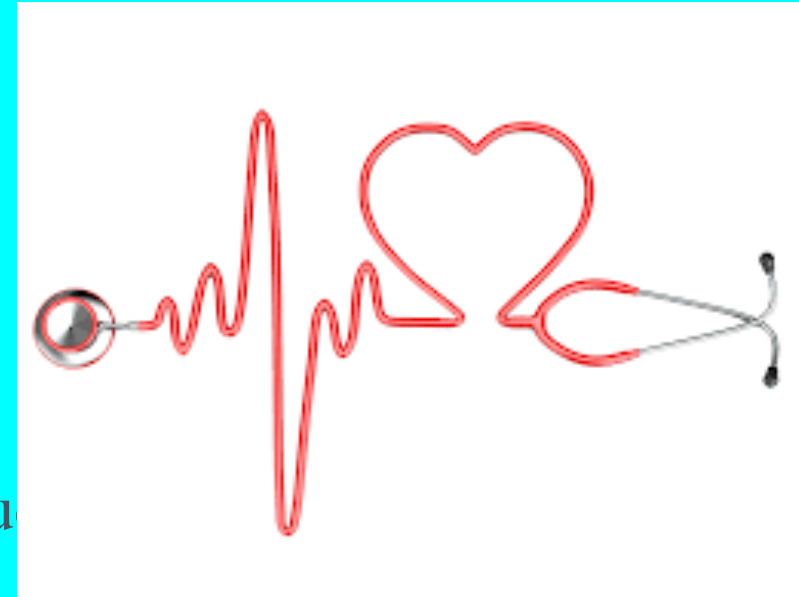
Purpose- Routine for student, guided reading and a way to get to know student

Weekly Worksheet 1st Year Students

Monday-Friday
Like “Fab Five”
Beginning of
class-they know
what to do
Saved in Lab
Share-Absent

Monday,
Wednesday,
Thursday &
Friday
Reading
assignment
5 Questions
pertain to reading
Focused reading-
guide to text

Tuesday-
Talk to me
Tuesday
Chance for stu
to write about
themselves
School, Job,
Sports, Family, etc



Suicidal,
depressed,
family
problems--can
open up on
paper

Weekly Worksheet
CNA-2nd Year Students

On the board when they come in
Monday, Wednesday, Thursday &
Friday--5 Questions about previous
lesson/resident care procedure
Tuesday-Talk to me Tuesday
3 Schools- Learn about students from
other schools



Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Fitness Testing

Purpose-interaction with children and importance of being healthy

Fitness Testing

- Local Elementary
- Partnership with local hospital
- Health Career students did pre and post fitness testing on elementary students (beginning and end of year)
- Interacting with younger students



Fitness Testing

Students in Charge of Testing

2-3 students per station:

- jump rope
- sit ups
- push ups
- blood pressure
- pulse
- ht & wt
- shuttle run



Collaboration Among Pathways and Partners

BY: LISA SCHAEFER, MBA, RT(R)

INSTRUCTOR MEDICAL ASSISTING CAREERS

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My School System

- 2nd largest in the state
- FWCS Career Academy serves ~900 students
- From 22 different High Schools



FWCS Career Academy

-School of Health Science

- Offers five health science programs
 - Intro to Health Careers
 - Intro to Medical Assisting
 - Dental Careers
 - Certified Nursing Assistant
 - Certified Clinical Medical Assistant

All Five Programs Offer

- Dual credit for Medical Terminology
- Dual credit for Intro to Health Careers
- Certification in CPR/First Aid
- Intro Classes and Dental offer:
 - Healthcare OSHA certification
- Additional certifications available: CNA and CCMA
- All students become HOSA members

Certification CCMA



- Certified Clinical Medical Assistant
 - Front office duties
 - Back office clinical duties

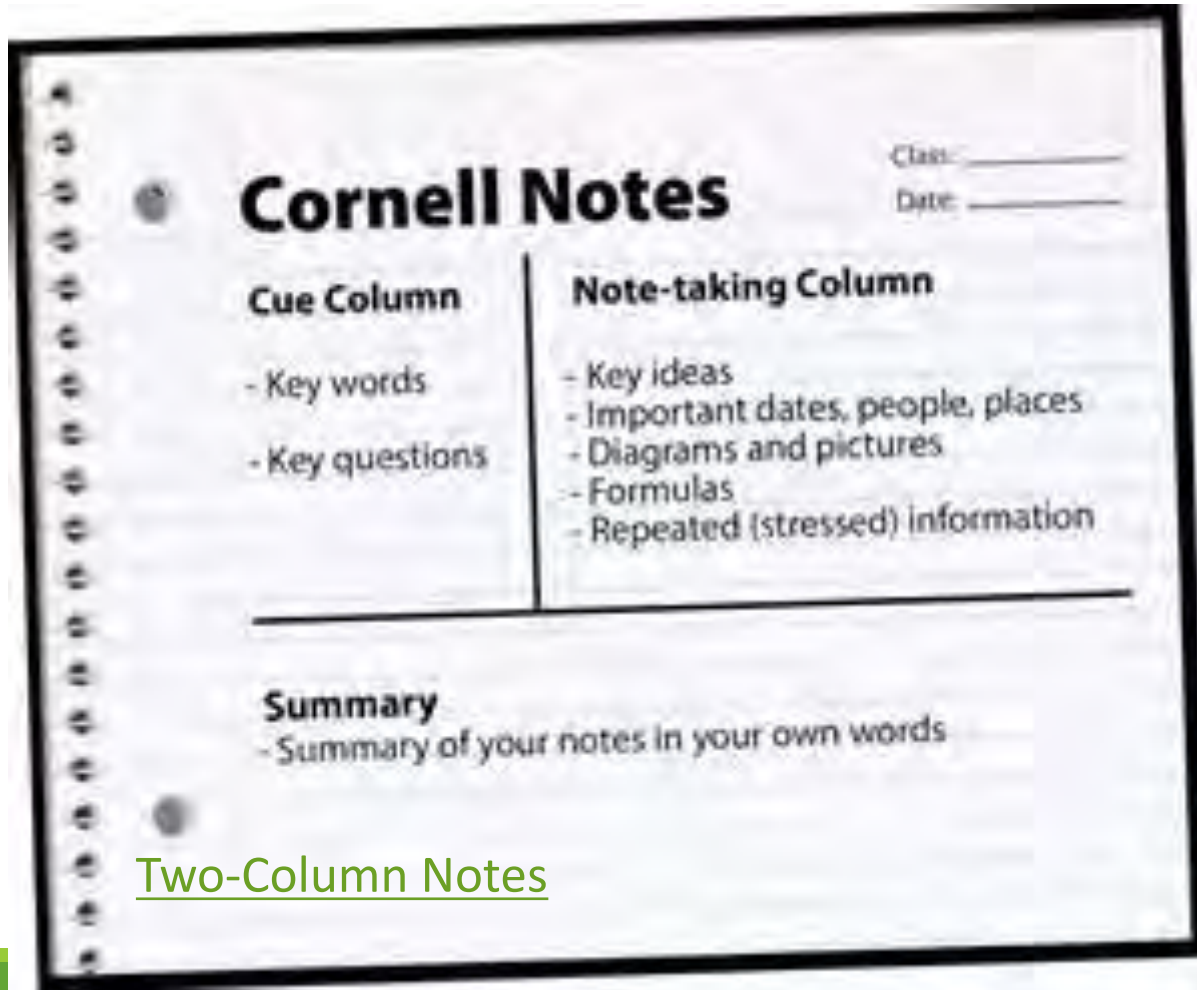
Literacy Strategy 1

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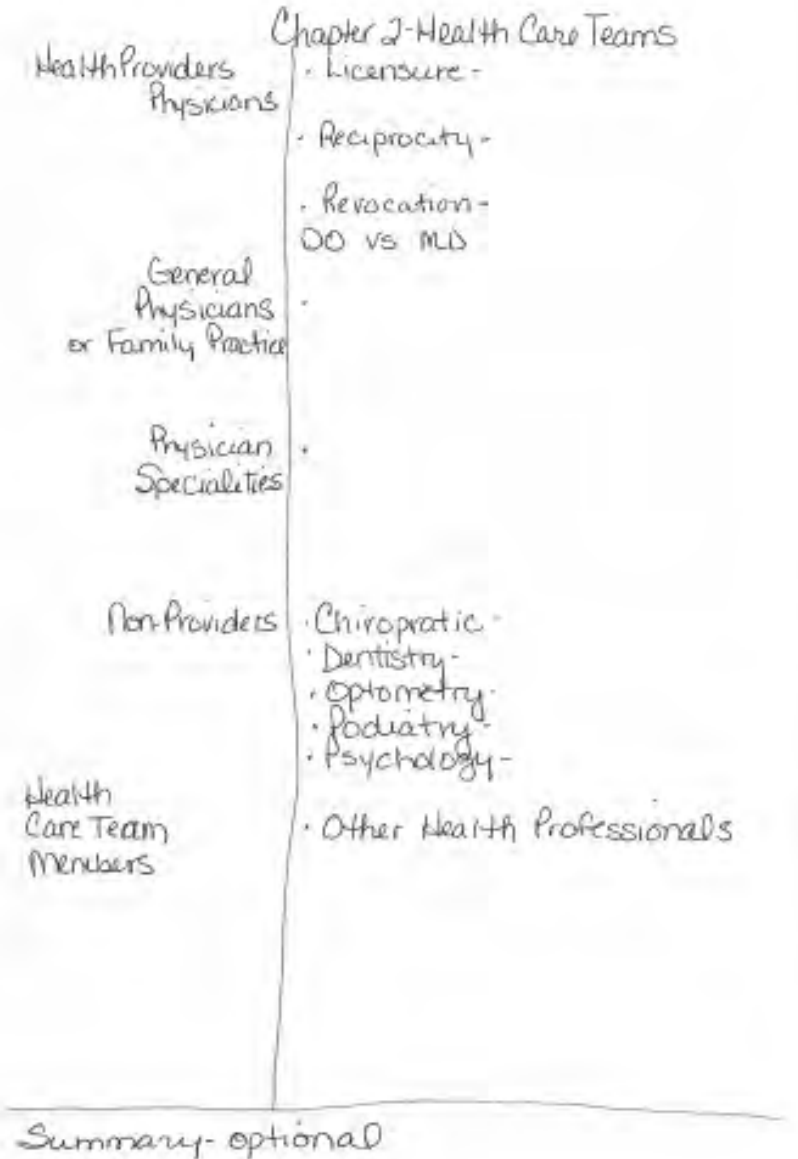
Close Reading



Literacy Strategy 2



Two-Column Notes



Collaboration Among Partners



Benefits to Collaboration

- Gives clarity to the vision of college to our students
- Enhances our curriculum offering by working together with Ivy Tech facility
- Potentially increases our dual credit offerings
- Access to simulation labs and college lab classrooms
- Improved relationship with Parkview Health for priority student employment
- Enhances student professionalism by students mingling with business professionals and college students
- Thank You!!!

Collaboration Among Pathways

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Orientation to FWCS School of Health Sciences

Name: _____ AM/PM

ORIENTATION TO FWCS SCHOOL OF HEALTH SCIENCE

Orientation Courses	Date Completed
Welcome to CTE	
Welcome to HOSA	
Legal Issues in Medicine 101	
Legal Issues in Medicine 102	
Legal Issues in Medicine 103	
History of the Practice of Medicine	
Therapeutic Communication 101	
Therapeutic Communication 102	
Therapeutic Communication 103	
Therapeutic Communication 104 (movie)	
Introduction to Body Mechanics	
Workplace Safety 101	
Workplace Safety 102	
Study Skills 101	
Study Skills 102	
Study Skills 103	
Medical Math 101	
Medical Math 102	
Medical Math 103	
Medical Math 104	
Professionalism 101	
Professionalism 102	
Professionalism 103	

Name: _____ AM/PM

SKILL CHECKOFFS

Skills	Date Completed
Two-Patient Identifiers & Assist Healthy Patient	
Heavy Object Lift	
Assist Wheelchair Patient	
Handwashing	
Don/Remove PPE	
Cleaning Up a Spill	
Infectious Environment	
Fire Extinguishers P.A.S.S.	

Course Descriptions

Welcome to CTE

What CTE means

Describe the standard student must adhere to

Dual credit explanation

Discuss Industry Certifications

Discuss Ivy Tech Accuplacer

Welcome to HOSA

Introduce student organization HOSA

Teambuilding

Student Government