

A group of approximately 15 healthcare students, mostly in blue scrubs, are posed in a clinical setting. Some are standing, some are sitting on a gurney, and two are sitting on the floor in the foreground. In the background, a hospital room is visible with a patient lying in a bed, partially covered with a white sheet. The room has a window with white curtains and a bulletin board on the wall. The overall scene is brightly lit with overhead fluorescent lights.

# Twin Rivers CTE Area

Linton

**Serving juniors & seniors from Greene & Sullivan  
counties**



# Twin Rivers CTE--overview

- **5 counties**
    - ‘North’ programs serve Greene & Sullivan (GS)
    - ‘South’ programs serve Daviess, Knox, Martin (DKM)
  - **Our programs- Health Sciences, Construction Trades, Automotive**
  - **[www.twinriversarea.org](http://www.twinriversarea.org)**      **Brandon Small, CTE Director**
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# Twin Rivers Partners with VU

- Seniors only; TR pays tuition/ student pays books/ fees
- Programs at VU
  - Architectural Drafting, Collision Repair, Computer Integrated Manufacturing (C.I.M.), Computer Networking, Computer Programming, Diesel Mechanics, Electronics, Fire Science, Hospitality/Culinary Arts, Industrial Drafting (CAD), Information Technology, Law Enforcement, Precision Machining, Surveying, Web Development, Welding



# Twin Rivers partners with Vincennes Beauty College

- Students can begin as juniors
- Cosmetology certification- a life career or a career to earn money while in college.





# *Health Sciences*

- Qualifies as credits towards Technical Honors Diploma
- Integrates academia and careers
- Rigorous standards developed by DOE
- Focus: Health careers exploration
- **\*\* Healthcare jobs claim 7 of the top 10 jobs overall for 2015**

# Indiana College and Career Pathway Plan – State Model

Cluster: Health Science	Career Pathway: Health Care Specialties
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Concentration: Health Science Careers	Focus: Comprehensive or Innovatives
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## Core 40 with Honors High School Graduation Plan\*

\*This is a SAMPLE plan for schools to use in planning. Course sequences and grade level in which courses are offered may vary according to local policies, practices and resources.

Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

SECONDARY	Grade	English/ Language Arts	Math	Science	Health/PE Social Studies	CTE/Career Preparation Courses for this Pathway		Other Elective Courses for this Pathway	
	9	English 9	Algebra I	Biology	Physical Ed; Health req. met with F&CS courses	Preparing for College & Careers; Nutrition and Wellness		Digital Citizenship; Personal Financial Responsibility	World Language
	10	English 10	Geometry	Chemistry	Geography/History of the World or World History/Civilization	Interpersonal Relationships	Human Development & Wellness or Child Development		World Language
	11	English 11	Algebra II	3 <sup>rd</sup> Core 40 Science	US History	**Health Science Education I (may include**Medical Terminology)			World Language
	12	English 12	Math or Quantitative Reasoning		Government Economics	**Health Science Education II: Special Topics (may include**Anatomy & Physiology)			Fine Arts

**State specified Pathway Assessments:** NCHSE Core Foundations AND/OR Dual Credit Final Exams

**Industry Recognized Certification:**

## Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

Ivy Tech	Vincennes University
<ul style="list-style-type: none"> <li>▪ APHY 101 Anatomy &amp; Physiology I</li> <li>▪ HLHS 100 Introduction to Health Careers</li> <li>▪ HLHS 101 Medical Terminology</li> </ul>	<ul style="list-style-type: none"> <li>▪ HIMT 110 Medical Terminology</li> <li>▪ BIOL 111/111L – Essentials of Human Anatomy and Physiology</li> </ul>

# College Credits

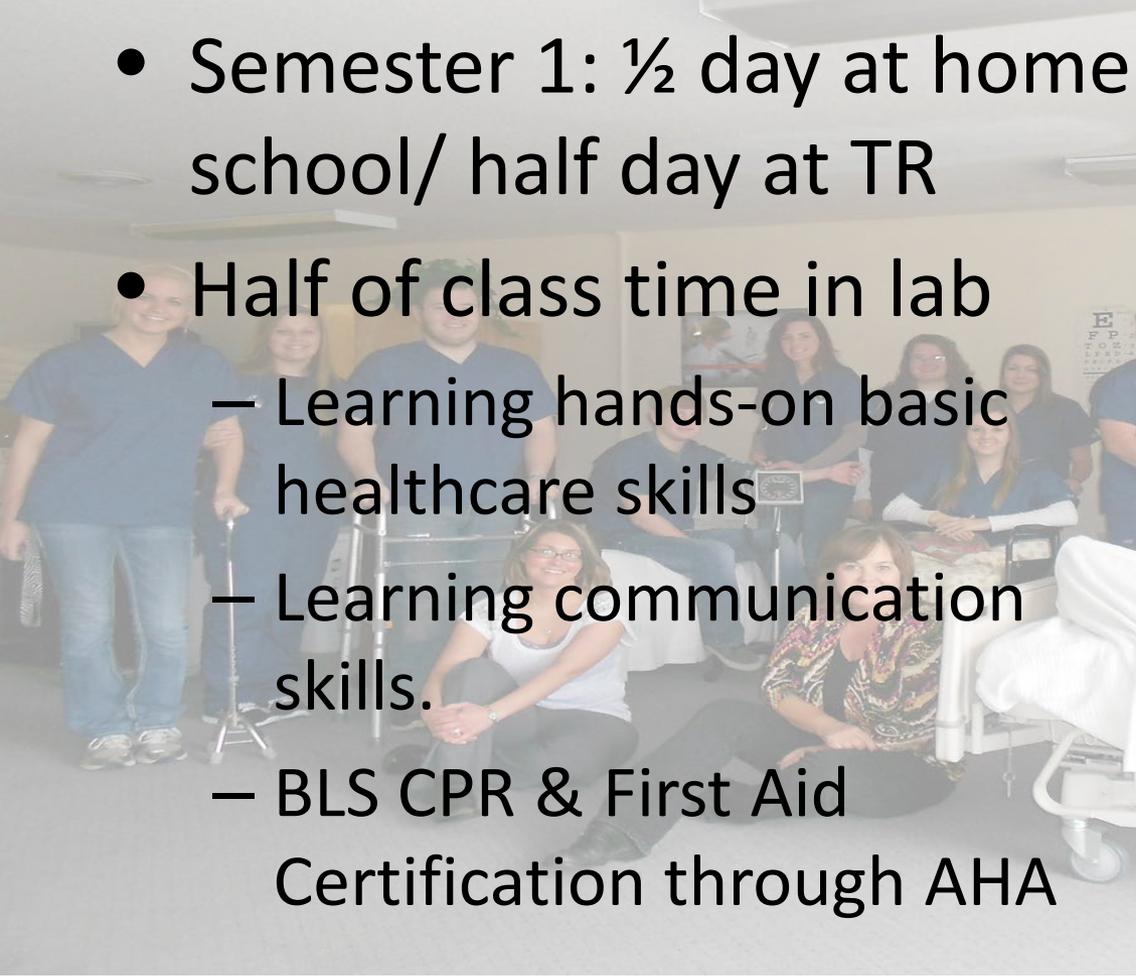
- **Ivy Tech**
  - **HLHS 100- Health Careers**
    - All students eligible
  - **HLHS 101 – Medical Terminology**
    - A TransferIN course: transfers 'anywhere'
    - Requires pre-req testing ( Acculpacer scores)
- **Most students earn 6 college credits FREE**
- **Approx. 40-50% of each class session is based on this.**

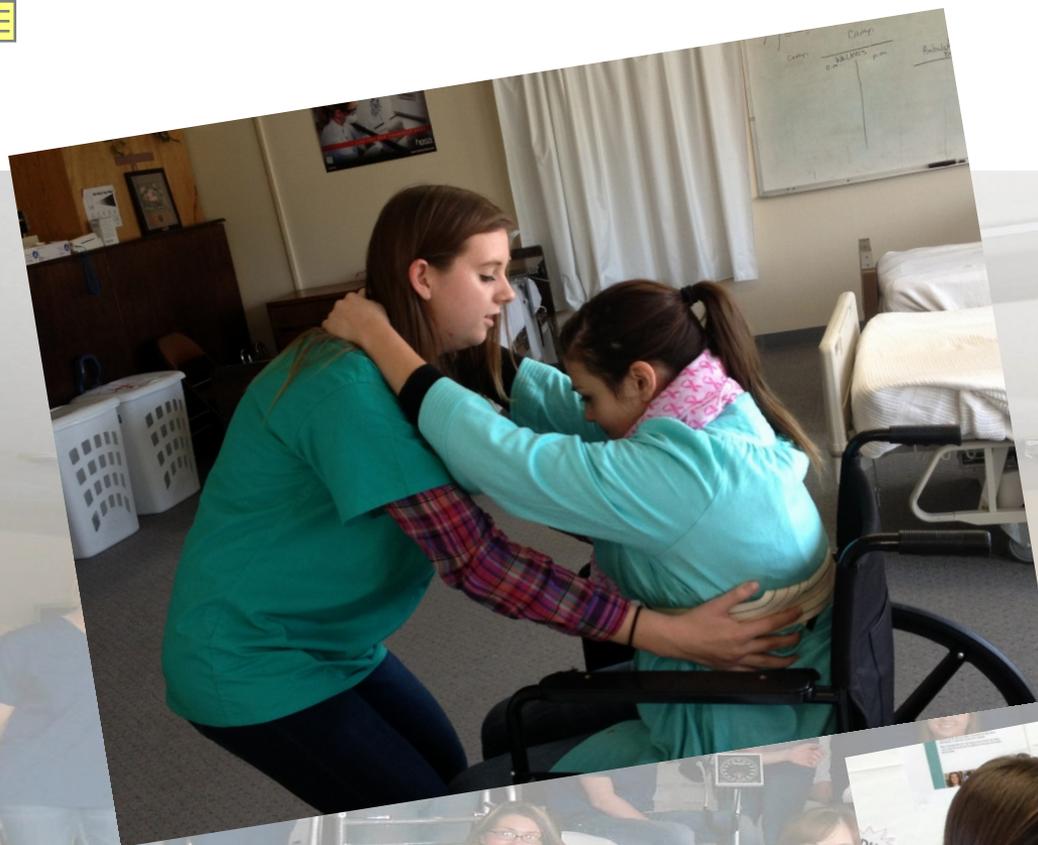




# Lab objectives: general healthcare skills

- Semester 1: ½ day at home school/ half day at TR
- Half of class time in lab
  - Learning hands-on basic healthcare skills
  - Learning communication skills.
  - BLS CPR & First Aid Certification through AHA





**Lab practice of skills with peers**



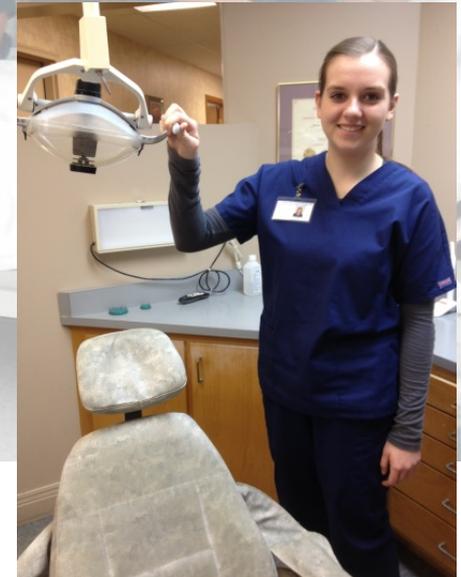
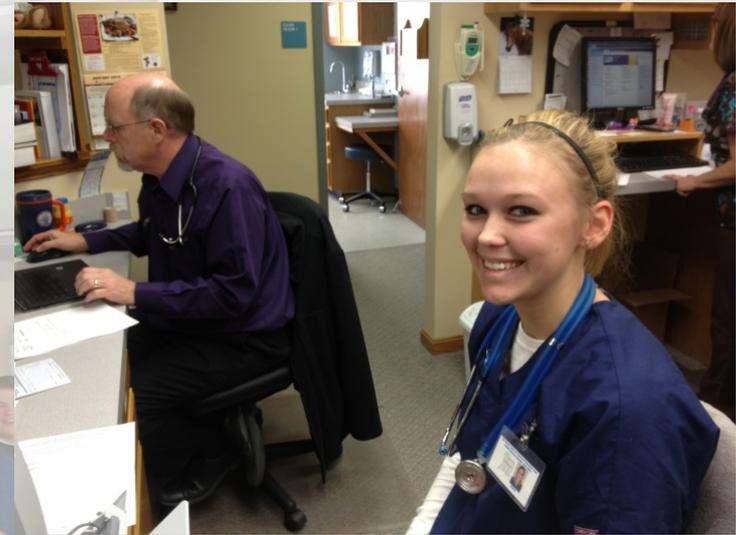
# Health Science theory/ bookwork

- Semester 1: half of session daily is med term and health careers curriculum/ textbook work.
- Semester 2: Two sessions weekly students are in class finishing curriculum and some labs.



# Hands-on healthcare

- Second semester, three class sessions weekly.
- Experience in real healthcare facilities
  - Lab experiences in classroom are no match!



# Community partners

- Hospitals, clinics, long-term care facilities, dentists, ambulance/ rescue units, etc.



**Breckenridge Commons**

# Soft skills too!

- Work ethic
- Communication- written and verbal
- Employability/ job seeking skills
- Punctuality/ professional dress



# Explore options

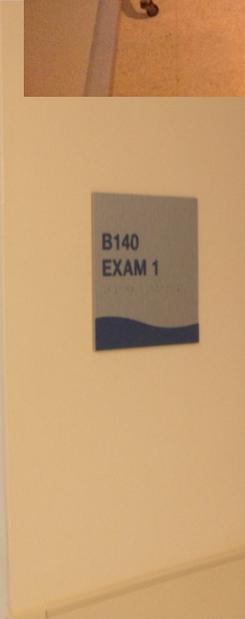
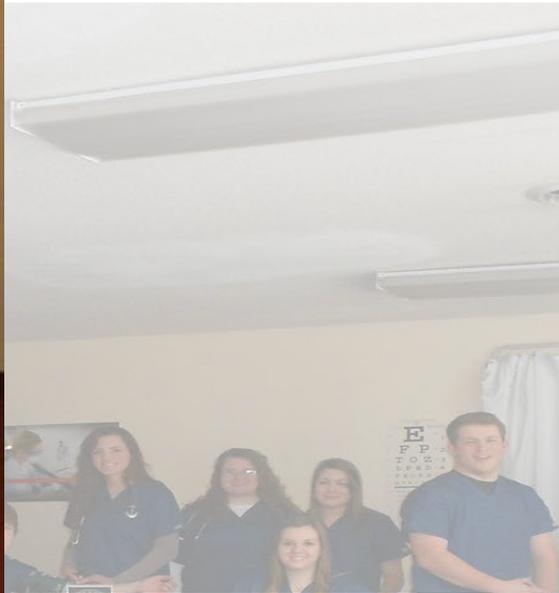
- Rotations through different departments to learn about many career specialties.



# A first step into a career... student professional networking

- MANY former students obtained college degrees, came back and have been employed at our partnering facilities.





# HOSA

- Our student led Career & Tech organization.
- A few go each year to state competition.



Research Persuasive Speaking	
Megan Miller C4-Columbus Area Career Connection	Bailey Leib Southern Indiana Career and Technical Center
Mark Salle-Tabor C4-Columbus Area Career Connection	Andrea Smith Blackford High School
Jocelyn Gadberry Twin Rivers Career and Technical Center	Airhenvbahihwa Edionwe J. Everett Light Career Center
Brooklyn Alm New Castle Area Career Programs	Moriah Carmel New Prairie High School
Chris George C4-Columbus Area Career Connection	Danielle Patterson Central Nine Career Center



# 'Mock HOSA' and ISU HOSA day

- Work ,compete & tour with HOSA students from Vigo County and Parke/ Vermillion counties.
- Sponsors: WCI- AHEC & ISU



# Community involvement

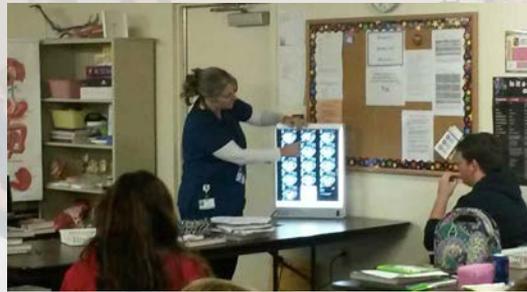
- We're asked to volunteer and offer to volunteer.
- We also set up to check B/P & take donations at Walmart in the fall.





# Guest speakers reinforce reality!

- Health professionals, college reps, HR personnel



# Construction ( Building ) Trades

- Overview of construction – 6 college credits
- Develop trade based skills
- Complete a home!





Students are involved in all aspects of building.



Raising a wall



Floors and  
Bathroom tile.

# Automotive Service Technology

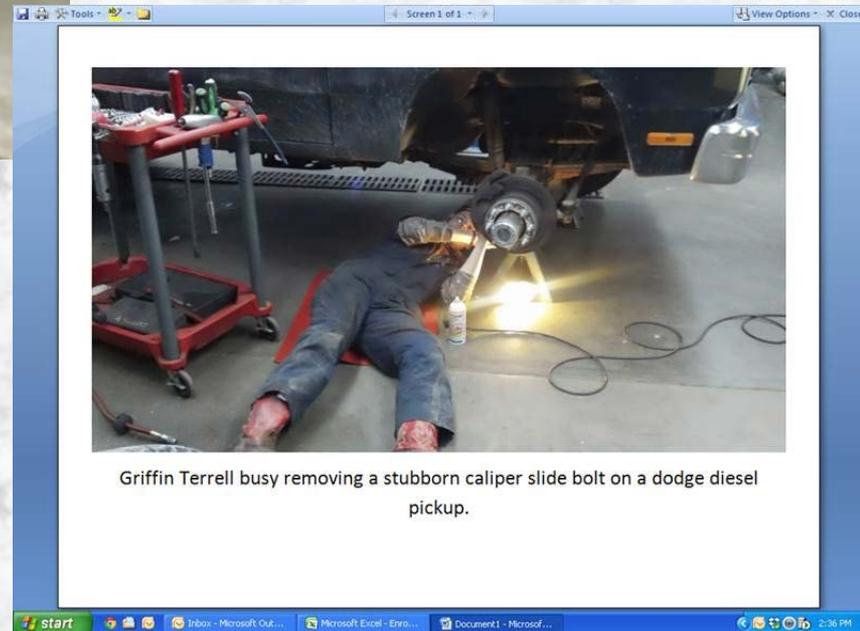


Zach Waggoner and Brayden Hancock performing routine oil change.





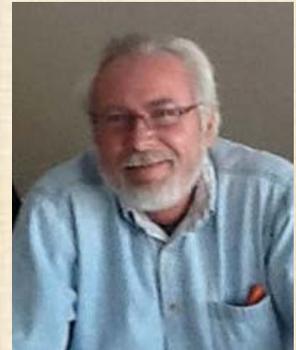
Improving Programs  
Through Accreditation



Griffin Terrell busy removing a stubborn caliper slide bolt on a dodge diesel pickup.

# Our TR Instructional Staff

- Carmen Cross, RN ( Health Sciences)
  - A.S. Nursing – VU 1980s
  - B.S. Adult & Career Education - ISU- 2013
- Jim Morrison ( Construction Trades)
  - B.S. Construction – ISU 1970s
- Dewayne Mayfield ( Automotive)
  - Cert: Lincoln Tech – 1980s



# Questions?



Thank You!  
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