



May

Heartland Happenings

2022

Third Year of CDL Program

Heartland students once again are offered the opportunity to obtain their Commercial Driver's License (CDL) this Spring at Heartland Career Center. Heartland Seniors, who are 18 years old by March of their senior year, have the ability to attend the CDL Program while enrolled at Heartland Career Center. A dozen students, from different Heartland classes, have spent the last 2 months training in the classroom and inside the driver's seat of a Semi Truck in hopes that when graduation rolls around these students will be prepared to take the State CDL test and earn their Class A Commercial Drivers license.

The trucking industry, according to the American Association of Motor Vehicle Administrators, needs more than 400,000 new drivers every year and the average annual job salary for truck drivers is \$46,000 a year (U.S. Bureau of Labor Statistics). Students can graduate from high school with their CDL and without any further education obtain a job that pays a living wage. Heartland has graduated 14 students in the previous two years with their CDL and these students are now using their license to pursue a career with the benefit of being a licensed truck driver. Having a CDL is known as "job security," as there will always be a need locally and beyond for people who are trained in semi-truck driving.

Lean Six Sigma Certificates

Twenty-One Heartland students earn Lean Six Sigma Certificates. These students dedicated months of their school year to earn the Lean Six Sigma Certificate, a highly respected certification within the manufacturing world. Lean Six Sigma's problem solving, and management tools, were developed in the 1980's to help manufactures compete in a fast-paced environment. Lean Six Sigma Green Belt is a process of enhanced problem-solving skills, with an emphasis on the DMAIC (Define, Measure, Analyze, Improve and Control) model. The overarching concept is to identify a specific challenge in a process and through the implementation of the Lean Six Sigma principles, make that process more efficient. These skills can be applied to any processes focusing on problem solving and continuous improvement.

Having the Lean Six Sigma's problem solving and management skill set gives students a competitive edge when seeking jobs in any arena. According to the Bureau of labor statistic, jobs in manufacturing industry continues to increase in the state of Indiana, which means students who hold the Lean Six Sigma Certificate will have more doors opened to them and at a higher wage level because of these skills they have developed while at Heartland Career Center.



Culinary Arts Students,
compete in the FCCLA state
competition.



Graphic Design and Layout Student,
Ashley Bricker, winner of Honeywell Spring
Banner Contest



Precision Agriculture Students
Caitlyn Miller, Malachi Higgins, Traceson Gearhart,
Tyler Kling, Karson Pratt, and Reece Rosen earn their
FAA Part 107 drone certification.



Thomas Fuller, North Manchester High School
Criminal Justice student signs letter of intent
with Walmart as an assistant Protection Specialist.



**Heartland Career Center Graphic Design
Students,** delivering food to the Little Free
Panntries in the Wabash Community.



**Cosmetology Students, Alison Herren and
Olivia Curry,** both advanced to the State Cosmetology
contest in the Skills USA contest.
(Instructor Mrs. Camden)



Mason Dillon, Wabash High School
Precision Agriculture Student signs letter of intent
with Crop Fertility Specialists.



BPA
Heartland Students compete in the Business
Professionals of America Competition.
(Advisor Mrs. Houlihan)

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HEARTLAND

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March

Heartland Happenings

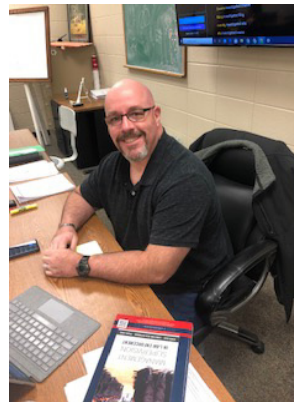
2022

The INnovate Within Business Competition

The Heartland entries for this INnovate Within school year competition are: Heath Tackett with Tackett Auto detailing. This is Heath's second year of entering the contest. Heath is a Senior at Northfield High School, he operates an automotive detail shop and mobile power washing business. Annie Schuler, a senior from Northfield High School, she operates "Eliza Grace". Eliza Grace creates handmade jewelry and home decor, she has been successful with Marketing her products on Instagram. Blake Smith, a senior from Wabash High school, is the founder and operator of Recruitzone. He has been successful on Instagram promoting high school basketball players throughout Indiana, Michigan, Ohio, and Kentucky. We wish good luck to these students at the INnovate Within Business Competition.



Heartland Welcomes New Staff



Ed Shenefield has joined Heartland Career Center as the new Criminal Justice teacher. He is from LaFontaine, Indiana and graduated from Southwood High School Class of 1991. Shenefield served in the Navy as a Military Police Officer for 30 years and is looking forward to using his skills and training to give back to the youth of this community. He resides in grant county with his wife and enjoys spending time with his children and grandchildren.

Amy Schmidt joins Heartland as our Network Associate. She has a background in computer technology and teaching students and staff computer skills. Schmidt is excited to grow her own computer skills while helping students and staff learn and grow. As a past vocational student, she is happy to be back in a vocational setting. She married her high school sweetheart, and they have 2 grown sons.

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Luke Metzger, Manchester High School
Precision Machining student signs a letter of intent
with his internship employer with Precision Medical
Technology



Kendra Wiles, Wabash High School
Health Science student signs a letter of intent with
Wabash Fire Dept.



Mark Hobbs, Heartland Career Center Director
meets with state representative Andy Zay in
celebration of Career and Technical Education
month



Brandon Carey, Southwood High School
Principles of Entrepreneurship student
signs a letter of intent with
Wabash Castings Incorporated

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Farewell Mr. Striker



Mr. Striker left Heartland at the end of 2021 to pursue another career opportunity. We would like to thank him for his 12 years of service and dedication to Heartland Career Center. Mr. Striker was an integral part in developing Heartland's Criminal Justice program starting in 2009 and making it into what it is today.

Tell us about where you are headed next.

In July, my wife, Marti, and I sold our home in Wabash and moved to Carmel, IN. Both of our children are married and live/work in Carmel. Family is the most important thing for us, so we decided to move to be a part of their lives and our grandchildren's. The 75-mile trek one way made for a long day. I will be starting a position with Christel House Watanabe High School (Christel House Academy South) in Indianapolis as their Student Engagement Specialist.

If you have a hopeful moment you found in teaching, would you share it?

My goal as a Criminal Justice teacher was to present a program and its curriculum to empower my students to determine what their career will be. It did not matter to me if the student chose a career outside the criminal justice field, but that they used my program to make a career decision and pursue it.

How would you like your students to remember you?

I hope my students leave my program knowing that I really cared about them individually. Most of my

students need more than a classroom that emphasizes curriculum; they need a place to feel safe, to feel wanted, and to be able to express their thoughts and opinions freely. I hope they remember me as one who cared about them.

BPA Competition



Beau Kendall, Southwood High School and Rebekkah Kerlin, Huntington North High School receive BPA awards

Heartland Career Center hosted the Regional Leadership Conference for Business Professionals of America (BPA) on December 4, 2021. The BPA program provides all business students with the opportunity to demonstrate workplace skills learned through business education curriculum. Students prepare for and compete in contests in over 90 categories, giving students the opportunity to further their knowledge and prepare for a career in today's fast paced business environments. Heartland Career Center had 18 students compete in this year's day long competition and 16 of these students earned the opportunity to go on to the state competition in March.

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Cosmetology Mannequin Head Competition Winners
Cadence Boaz and Blakely Lake, Oak Hill High School



Gabriel Laycock, North Miami High School
Graduated mid-year and has enlisted with the
United States Marine Corps



Culinary Gingerbread House Competition Winner
Marlena Roberts, Northfield High School



Honeywell Winter Bannner Contest Winner
Kayla Main, North Miami High School

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All about Clubs!

Did you know that Heartland Career Center offers student organizations to help develop our students interests and connect them with other students that share their passion?

Joining a club that is directly connected with the skills Heartland students are learning in their classroom enhances the students' knowledge through personal development, applied learning, and real-world application. Being a part of a student organization such as Business Professionals of America or SkillsUSA is an integral component of Heartland's instruction and increases employability and career skills. Additional reasons for joining a club for Heartland students includes improving problem solving skills, critical thinking, and the enjoyment of competition.



Heartland FFA Chapter is new this year to Heartland. FFA is organization for those interested in agriculture and leadership. Students will work with local agriculture and participate in Ag Day for Wabash County as well as community service projects and career development events.



SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel. SkillsUSA provides programming for many of Heartland's classes and allows students to participate in events and competitions that support career and technical education in the nation's classrooms. Cosmetology, Criminal Justice, and Auto Collision are just a few of the classes that offer SkillsUSA programming. Students wishing to participate must sign up with their instructors by December.

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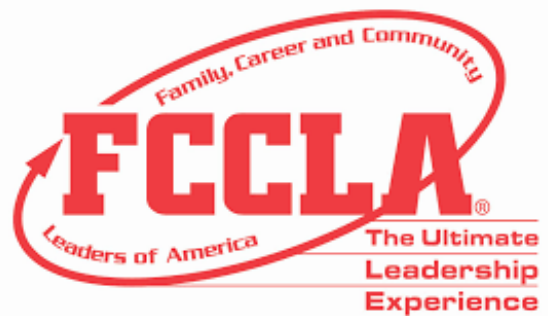
**BUSINESS
PROFESSIONALS
of AMERICA**

Business Professionals of America is a student organization developed to empower student leaders to discover their passion and change the world by creating opportunities in learning, professional growth, and service. Heartland students taking a business class may join this club by November 1st. Participants enjoy traveling to competitions and developing their business skills.



State BPA Conference

BPA students enjoyed traveling to and competing in the State Leadership Conference in Indianapolis.



Family, Career and Community Leaders of America (FCCLA) is a national Career and Technical Student Organization (CTSO) for students in Family and Consumer Sciences (FCS) education in public and private school through grade 12. FCCLA is a student led organization with leadership development as a primary focus. Members develop skills for life through character development, creative and critical thinking, interpersonal communication, practical knowledge, and career preparation. Students enrolled in Culinary Arts and Hospitality, or Education Professions class can join FCCLA.



Diesel Services visits Vincennes University

Many Heartland student had the opportunity to visit Vincennes University during College Go week.

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September

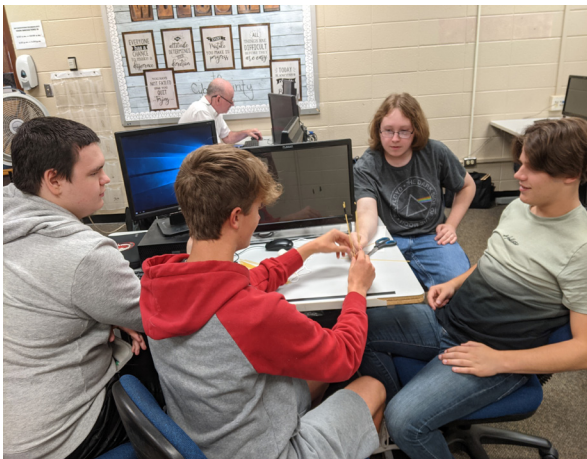
Heartland Happenings

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New in the Cybersecurity Classroom

The Cybersecurity classroom will be utilizing the US Cyber Range this year. Mrs. Houlihan took a class this past summer and was awarded a grant to allow her students to access the US Cyber Range. Heartland students will be learning Cyber Security curriculum along with labs that will reinforce their cyber skills. The US Cyber Range will allow the students to get hands-on training in the cyber security program.

Students in this class, will learn how to capture data and analyze that data. Students will learn about penetration testing to look for vulnerabilities in the networks on the US Cyber Range. This range will allow students to learn all of these techniques in a safe environment without compromising the school's network and give them hands on marketable skills for their futures.



Precision Agriculture class awarded State CTE Grant

The Precision Agriculture class, taught by Mrs. Dubois, was awarded a Perkins Reserve grant giving Heartland Career Center the opportunity to purchase the AGRAS T20 Sprayer Drone. This high-tech, state of the art drone is transforming agriculture. Precision agriculture sprayer drones assist farmers in spot spraying, treating test plots and speciality crops like fruits and vegetables.

Employment opportunities continue to increase in the field of precision agriculture. Students enrolled in this class will be given the opportunity to earn 2 of the 5 required certifications the FAA requires to fly these high-tech drones. By earning these certifications students are working towards greater job opportunities. This field is an area where technology and agriculture work hand in hand to create the best outcome of both crops and sustainability.



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Students in our Health Science class work on the anatomage table allowing them to manipulate and dissect a 3D cadaver.



Creative experience: Digital Design students learn the art of marbleizing paper.



YMCA Spark program visits HCC.

Students from the YMCA Spark program were given the opportunity to be creative in the kitchen while visiting HCC this summer. Spark students were able to practice different cooking methods with eggs from sunny side up to over easy and even omelets. They then experimented with pancake art, using a classic pancake batter and a squeeze bottle poured over a hot flat top grill, to create an artistic designs. Mickey Mouse was a very popular choice!



Auto Collision students use virtual reality to develop their painting skills.

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Rachael Ray Foundation Grant!

Heartland's Culinary Art and Hospitality Program was selected from schools across the country to receive \$5,000 from the Rachael Ray Foundation to engage and educate high schoolers interested in exploring restaurant and food service careers. Heartland is just one of two high schools in Indiana to be selected for this award allowing Heartland to improve and expand their culinary arts and restaurant management program. The Culinary Program serves more than 40 students per year in the pathway of Hospitality and Human Services.

As Heartland's contagious success of this program shines, the potential to ramp up existing program opportunities while attracting more students increases. Instructor, Brad Luzadder, is at the heart of the success of this program and is excited for the opportunity to assist his students in developing work-based skills and earn their industry certifications. With the help of this award, Heartland will provide opportunities for students to earn ServeSafe Certifications, which will positively impact their community and world. Mr. Luzadder explains "this award is tremendous for our students. It will allow us to fund much of their certification training as well as providing for professional uniforms. We are so blessed by the Rachael Ray Foundation and ProStart!"

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Heartland Named an Early College Career Center

Heartland has been named an Early College Career Center. The Center of Excellence in Leadership of Learning (CELL) at the University of Indianapolis, is the only organization in the state authorized to endorse Early College high schools and career centers. CELL has honored Heartland with this prestigious endorsement. Early college programming helps schools remove the academic and financial barriers that prevent too many students from advancing to and succeeding in college.

The CELL recognition will allow Heartland Career Center to continue to expand support systems, provide rigorous coursework, and help students connect with community partners to achieve academic and career success after high school. In addition, since students earn college credits while attending Heartland Career Center, the time it will take for them to complete a college degree will be condensed. This support will help students excel both academically and personally while attending Heartland and after as they pursue post secondary opportunities.

Below are links to more information about the CELL honor.

<http://cell.uindy.edu/our-work/early-college-high-school/index.html>

<http://cell.uindy.edu/news/files/buzz-early-college-high-schools.pdf>

Hopefully these links will help.



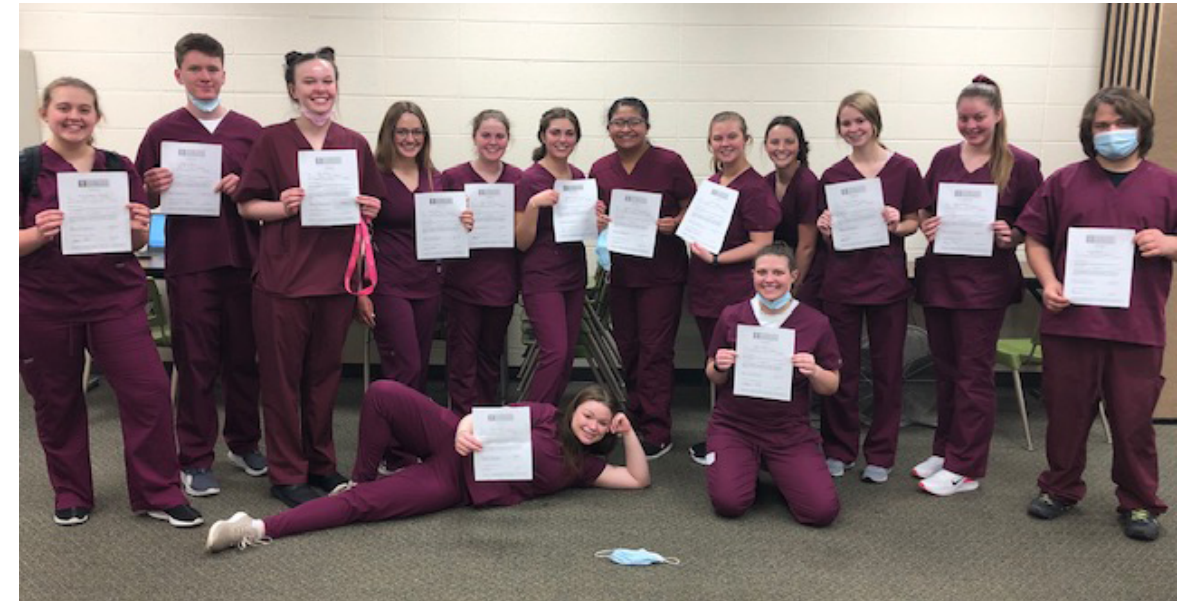
**Lex Haynes
Industrial Electronics and Robotics
Wins Senior Success Award**



**Logan Luttrell
Auto Service
Technology
Interns with
Friermood
Tire**



**Micah Higgins
Precision
Machining
Signs with
B. Walter &
Co.**



**Health Science Students Complete
CNA Certifications**



2021 National Technical Honor Society



Justin Heckman

Dakota Scarlett

**Welding Students
Sign with
Millwright
Solutions**



**Millwright
Solutions LLC**

Cosmetology Students Begin Employment



Meckenna Holland
Merakie on Main Hair Collective



Vivian LeMaster
Wooden Ivy

**See You
Next School
Year!!!
2021-22 School
Year Begins on
August 10, 2021**

Purdue University College of Agriculture Junior Scholar Awards



Tyler Joe Whitsel Jake Halderman
Precision Agriculture Specialists

Rich Signs with Global Precision Parts



Connor Rich: Precision Machining

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Developing Butchering Skills!

Heartland Career Centers' Culinary and Hospitality class explored the art and science of butchering last month. Instructor Brad Luzadder, was excited to share with his students how to create different cuts of meat with the donation of two hogs from Farm Bureau and Farmers Who Care. These organizations, in collaboration with Wabash County pork farmers, have donated over 1,500 pounds of pork this year to help supply Wabash County food banks with pork. The donation of 2 hogs from Farm Bureau gave Heartland students the hands-on opportunity to explore the skills of butchering. The class will also use these resources to develop recipes and presentation skills for culinary and hospitality.

Heartland's Culinary Arts students sat mesmerized as Chef Luzadder, helped students develop hands on butchering skills, demonstrated different cutting techniques and encouraged them to explore different recipes for each cut. One such lesson included the positive effects of fat on meat tenderness and flavor. The class was then able to use the fat to learn the process of sausage making. Through the demonstrations the students developed cutting skills, explored different cooking styles and enjoyed tasting the end results!



Chef Luzadder and student William Hathcock demonstrate their butchering skills.

Heartland Career Student Nominated for Indiana Award of Excellence

The Indiana Award of Excellence program highlights the outstanding achievements of Career and Technical Education (CTE) students around the state that exemplify the ideal qualities of CTE. Each Year Heartland Career Center is able to nominate one student from all of the high schools it serves for the Indiana Award of Excellence and this year's nomination goes to Guy Stephan, a Manchester high school senior and student enrolled in Heartland's Welding Technology class.

Guy Stephan has enjoyed his time here at Heartland and stated; "my eyes were opened during my sophomore tour at Heartland to the many job opportunities Heartland had to offer." Stephan is a hardworking and dedicated student who has excelled in his Welding class over the last 2 years and is now applying the skills he has learned in an internship with Innovative Metalworks, in Sydney, Indiana. Mark Hobbs, director of Heartland Career Center, spoke highly of Stephan



saying, "Guy is very deserving of the award due to his hard work both at Heartland and Manchester High School and even more importantly being an outstanding young man in his community."

Guy Stephan, Heartland Senior Welding Student

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2nd Year Cosmetology Students Pass State License Exam



Top row left to right: Abby Boyd, Manchester; Kendra Donaldson, North Miami; McKennin Holland, North Miami. **Bottom row left to right:** Alayna Miller, Manchester; Allison Zartman, Manchester; Baila Chapman, Peru; Madelyn Turner, Southwood.

Adobe Certified Associates

Heartland Visual Communication Students



Photoshop
Olivia Holstein
North Miami

Photoshop
Megan Stinefield
Huntington North

Photoshop
Layla Durocher
Peru

Photoshop
Lonnie Johnston
North Miami

"STUDENT ACTIVITY DAY 2021"
Monday May 10, 2021

INFAME AWARD RECIPIENT



Arthur Wischman, Wabash High School, is a senior in Precision Machining.

Arthur is Interning with **Zimmer Biomet**. Arthur received the **INFAME Award (Northeast Indiana Federation for Advanced Manufacturing Education)**. The **INFAME Award Program** is a collaboration with **Ivy Tech** and **Zimmer Biomet**. It will provide Arthur with a continued paid work experience while sponsoring him to attend classes in pursuit of a two-year degree.



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February

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February was Career and Technical Education Month!

Each February we recognize the value of Career and Technical Education (CTE), which provided an important pathway to success for high school students. CTE offers high school students' opportunities to explore career interests, expand their income potential and excel in the workforce. According to the US Department of Education, 8 years after their expected graduation date, students who focused on CTE courses in high school had higher median annual earnings than students who did not focus on CTE. There are 30 million jobs in the United States that Do Not require a bachelor's degree and pay a median salary of \$55,000 or more.

Here at Heartland, we are preparing students for careers in current and emerging professions. The opportunities for students at Heartland to gain skills that will lead directly to high earning potential right here in the counties they live in is visible as we send students out daily to job sites and work locations. Our students have built their resumes, proceeded through the interview process and now are working in locations from the Zimmer Biomet, CFC Distributors, and Parkview just to name a few.

Many of these students will have the opportunity to accept a full-time position with their current employer once they graduate from their high schools, all because of the skills and opportunity brought to them by Career and Technical Education at Heartland.



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Teaming UP Industrial Electronics and Robotics Welding Technology

Heartlands Industrial Electronics and Robots class is teaming with the Welding class to create battlebots. Battlebots are autonomous robots that will "Sumo Wrestle" each other for the satisfaction of the winning group to claim a championship. Students from Matt Adam's Industrial Electronics and Robots class are teaming up with Jack Holley's Welding class to create, design, and fabricate robots. The robots will contain simple motors, microprocessors (coded to create the robot's movements during the competition) and sonar sensors (to locate and eliminate the opponent's robots).

Once the pairs have designed and drawn their robots, they then collaborate with Heartland's Welding class. Students from the welding class will read the design blueprints, enter it into a CNC program to cut out the individual parts, and then assemble it. This cooperation of both engineering and welding helps all students to consider each other's ideas and leads to increased conceptual understanding and problem-solving skills, a highly valued skill in today's workforce. The end result will be a fun day spent battling for a title of battlebot champion. The real winners will be all the students who increased their ability to work through the many issues that will arise as they take an idea from a design to creation.

Joseph Moon
(Left), Treyton
Wright (middle)
Industrial
Electronics.

Xavier Miller,
Welding
Technology, welds
their design into a
creation.



Dylan Hopkins and Triston Kirkwood sign on with CFC Distributors in Roann.



Name: Dylan Hopkins
Home School: Peru High School
Program of Study: Welding Technology
Company: CFC Distributors
Representative: Brad Fleck



Name: Triston Kirkwood
Home School: North Miami High School
Program of Study: Welding Technology
Company: CFC Distributors
Representative: Brad Fleck

Heartland Career Center SEAL Program

Heartland Career Center was honored by Indiana Work-Based Learning and Apprenticeship with seven certified State Earns and Learns (SEALs) in 2021. These honors recognize Heartland programs that include an educational component and on-the job training component. SEALs programs focus on employer needs, while helping our students develop employable skills. Heartland Staff and former students were present at last month's event to receive the certifications.



Participants in the Thursday, Feb. 25, State Earn and Learn (SEALs) event pose with the official SEAL certificates, earned by Heartland Career Center. Featured are, from left: former student AJ Stinger, former student Shelby Grumpp, former student Sam Green, HCC Director, Mark Hobbs, HCC Internship Coordinator Brian Evans, HCC Principal Jon Higgins, HCC Board President David Terflinger, and Regional Director of OWBLA Matt DeGolyer.

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Collaboration

Cyber Security & Precision Agriculture

Our Cyber Security and Precision Agriculture classes collaborated in order to code a “miniature weather station and stop lights with Raspberry Pi in Python programming language.” The collaboration gave each pathway a glimpse into how our world uses our technical skills to be crossed between industry and the agriculture world. Each group paired a student from our Precision Agriculture and Cyber Security pathways to explore our Internet of Things (IoT). This collaboration opportunity allowed students to understand sensors and how data is collected to be used to better our smart homes and smart technology. This opportunity also gave both pathways a chance to collaborate to develop exceptional customer service skills.



**Students
Collaborating**



**Programming
Instruction**

Community Service Project

HCC Criminal Justice

Students from our Criminal Justice class partnered with the Community Foundation of Wabash County to create personal hygiene kits. The kits will be distributed to individuals in our community needing assistance who are involved in the criminal justice system here in Wabash county. Heartland's Criminal Justice class, taught by former Wabash County Sheriff Leroy Striker, carry out one community service project each year to assist those in need and educate Heartland students on needs within the Wabash community.



**Criminal Justice students preparing
Personal Hygiene Kits**



Career and Technical Education Month®, or CTE Month®, is a public awareness campaign that takes place each February to celebrate the value of CTE and the achievements and accomplishments of CTE programs across the country.

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Drone Part 107 Licenses



AM Class: Carson Weedling , Jake Haldeman,
Tyler Whitesel, Eric Tracy



PM Class: Tyson
Thompson,
Drew Miller



MANUFACTURING
SKILL STANDARDS
COUNCIL



STUDENTS CERTIFIED

Jaidon Truman, Alexander Haynes, Seth
Blossom, Cameron Percy, Jules Buffington

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2020 Honeywell Winter Banner Contest



School Winner
Olivia Holstein



11th Grade Winner
Ashley Bricker

2020 BOB MCCALLEN AWARD WINNER Olivia Holstein

