

Lebanon County Career and Technology Center

833 Metro Drive, Lebanon, PA 17042 • • • Tel: (717) 273-8551 • • • www.lcctc.edu

Precision Machining Technology's Project with NASA

On December 16, 2022, Dr. Florence Gold of the NASA HUNCH program visited the Lebanon County Career and Technology Center to allow Precision Machining students, both past and present, to sign a locker that is expected to take flight to its final resting place, the International Space Station.

Students of the Precision Machining program have been working hard for the past two years to get their parts through qualifications. In October 2022, the Precision Machining program, supervised by Instructor Eric Tanger, got final approval for a washer. This washer represents just 1 of 3 components that Mr. Tanger has agreed to machine for NASA HUNCH.

While the washer appears to be simple, this part is extremely difficult to produce because the tolerances are extremely tight at 1/3rd that of a human hair and have a surface finish very similar to a mirror. The Precision Machining program is the only program in the US in which students are producing this highly desirable and difficult to produce part.

The other two components are expected to be finished and approved by the end of the 2023 school year, making the Precision Machining program at Lebanon Career and Technology Center the only program that produces three separate parts.

The partnership between NASA HUNCH and LCCTC allows high school students of Lebanon County to produce components that are ultimately touched by astronauts from around the world in the International Space Station.

The students and instructor of the Precision Machining program would like to thank the following individuals:

- ◆ Dr. Florence Gold for her support and guidance throughout this process.
- ◆ Madison Colaco, Field Representative for U.S. Congressman Dan Meuser, for the Certificate of Special Congressional Recognition presented during this signing event.
- ◆ Daniel Bost, 48th Senate District Director for Senator Chris Gebhard, and Senator Chris Gebhard for their continued support of our program.
- ◆ Newly Elected Representative John Schlegel, State House 101st District, for taking the time to say a few encouraging words to the current students.



Left to right: Madison Colaco, John Schlegel, Andra Groller (Assistant Director of Programs), Julia Vicente (Superintendent of Record), Florence Gold (NASA HUNCH Implementation Project Manager), Daniel Bost, Glenn Meck (Administrative Director) pose with the signed locker panel.

CTC Chefs Hosted a National Webinar

On Monday, December 5, 2022, Chef Peffley and Chef Corle hosted a national webinar on Gingerbread skills in the Pastry kitchen at the CTC. This event was organized by the national office of the America Culinary Federation (ACF), New Hampshire and Massachusetts ProStart Programs a national organization, and hospitality curriculum from the National Restaurant Association (NRA). Students and instructors who attended this virtual event included a class from the United Kingdom. The event was recorded and is available for future educational purposes.

CHEFSFORUM: HOLIDAY DESSERTS FOCUS ON GINGERBREAD SKILLS

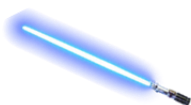
December 5, 2022 | 11:00 AM ET



Brian Peffley CEPC, CCE, AAC



"Themed Weeks!"



Themed Lunches in the Hilltop Café

We will be hosting themed lunches in our Restaurant for the following dates:

February 1st-3rd - Tailgating Party

February 8th-10th - Lover's Week

February 15th-17th - Mardi Gras

March 1st-3rd - Fabulous 50's

March 15th-17th - St. Patty's

May 3rd-5th - Star Wars

***Make your reservation by calling:
717-273-8551 Extension: 2113***

Chef Peffley's Special Gingerbread House

This year's gingerbread house creation by Chef Peffley was "The Pink Lady." This Victorian mansion is completely edible and is on display in the pastry kitchen. The outside is decorated with fondant siding and stones, piped chocolate railing and finials, and a porch adorned with benches, sled, broom, shovel, and welcome mat. It was created to show multiple pastry techniques and educate students in the art of show work. This year's creation was in honor of his sister battling breast cancer and in tribute to all those that have or are battling cancer.



Congratulations!

1ST
PRIZE!

AND THE
WINNER
IS...



"The Grand
Pink Lady"

Congratulations to Brian
Peffley of Lebanon
County Career &
Technology Center!

Retail Bakers of America



Lebanon County Family Consumer Sciences Day



On Wednesday, December 7, 2022, the Culinary and Pastry Arts programs hosted a hands-on Gingerbread House workshop, lunch in the Hilltop Cafe, and a tour of the CTC for the Lebanon County Family Consumer Sciences Association.



Culinary and Pastry Arts Programs' Local Competition

On Tuesday, December 20, 2022, the Culinary and Pastry Arts programs held their local SkillsUSA competition. This was also a mid-term NOCTI practical exam to assess where the students are at in their skill level for the end of the year final.



CTC Staff's First Friday

On December 2, 2022, the staff participated in another first Friday activity organized by Kelly Flowers and Theresa Tobias, CTC school counselors. This event was hosted by Chef Peffley and prepared by his students. Every staff attendee created a gingerbread house for a holiday centerpiece. The festive event included cookies and hot chocolate, holiday music, and finished with a completed masterpiece to take home for the holidays.



Our New LCCTC FFA Chapter

The Landscape program has been busy starting the LCCTC FFA Chapter this school year. In the months of November and December the LCCTC FFA has made over \$100 towards their funds. Our FFA Chapter competed in the Lebanon County Career Development Events (CDE) at the Lebanon Expo with Regional FFA Chapters. Our Secretary, Jacob Nicely placed fourth in the Ag Mechanics CDE, Vice President, Jacob Moore placed 16th and Sentinel, James Boltz finished 25th in the Landscape Nursery CDE.

This January, our FFA Chapter will be competing in PA Farm Show competitions and will be serving pizza at the FFA Farm Show stand on Tuesday, January 10, 2023, from 9am – 1pm. Isaiah Huffman and Jacob Nicely have created a log splitter from scratch to compete against other FFA Chapters. Other competitions we are involved in as a program are: large landscape design, miniature landscape design, door decorations, and artificial floral arrangements. Support our students by viewing their submissions at the farm show!

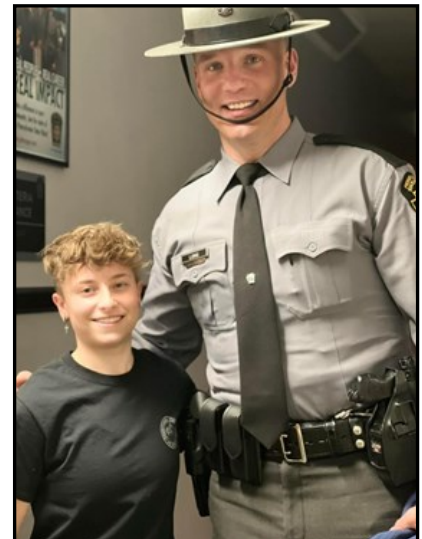


Law Enforcement Students' Accomplishment

On December 13, 2022, five current Law Enforcement students and two graduates of the program successfully completed the PA State Police Hill Impact Program. The Pennsylvania State Police Hill Impact program is a 14-week course that focuses on physical fitness, paramilitary disciplines, and law enforcement education for High School students between the ages of 15 and 18 years old. Students attended once or twice a week and were trained at the State Police Academy in Hershey, PA. The students completing the program were Meredith Henry, EL, Adam Kwiatkowski, AC, Jadya Missimer, AC, Stephon Prester, LH, and Ivanah Ventura, CL. Previous students completing a second round of the program were Rogan Harter and Elizabeth Weiant. We are so proud of their dedication and commitment and their representation of the Lebanon County CTC.

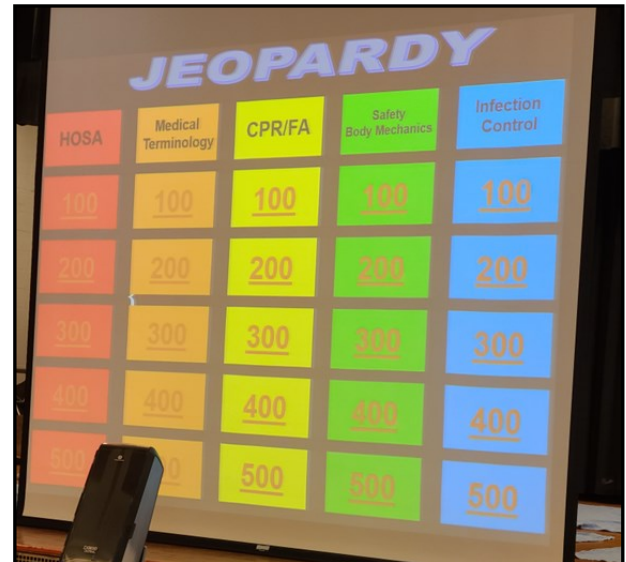
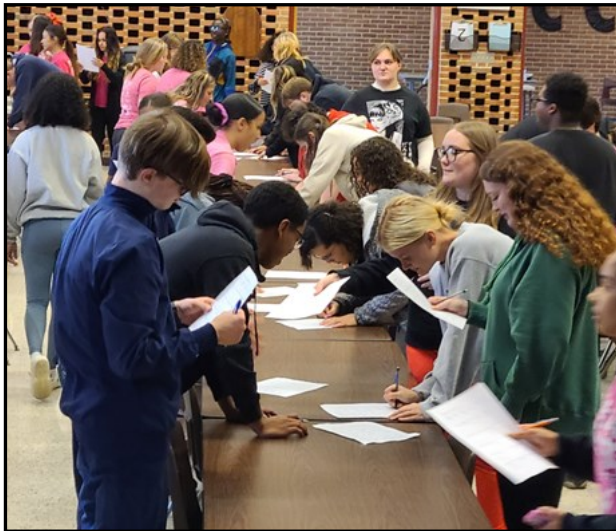


Way to go



HOSA Chapters' Leadership Activities

During December, the HOSA chapters of Health Careers, Medical Assistant and Sports Therapy Sciences spent the day together developing leadership and communication skills. Each chapter participated in creating an activity for the groups to experience. Variations on games such as Jeopardy and Bingo were fun activities that created a collaborative but competitive learning environment. One participant stated how she enjoyed getting to know HOSA members from other chapters. Rylie Dangerfield the President of Sports Therapy HOSA chapter stated that she enjoyed how all the groups worked together to solve problems. By recognizing each other's strengths, they were able to learn and accomplish the tasks effectively. The 90-minute session enhanced their leadership and communication skills and left them looking forward to the next time of collaboration.



Masonry Program's Field Trip

Thank you to Caretti, Inc. for providing a tour for our Masonry students, Mr. Boettner, Masonry Instructor, and Mrs. Flowers, School/Cooperative Education Counselor, of their job site as they help construct the new elementary school in Northern Lebanon. We appreciate it when employers allow us to show our students the world of work outside the classroom. Not only was this a great construction site for our students to see but we were shown the quality craftsmanship of these masons at Caretti, Inc.



Rotary Students-of-the-Month January 2023



Cheyenne Haldeman, NL, Health Careers

Cheyenne Haldeman is the daughter of Forest Haldeman, Jonestown, PA. Cheyenne is a senior at Northern Lebanon High School and is enrolled in the Health Careers Technology program at the Lebanon County Career and Technology Center.

Cheyenne is a member of the student organization

HOSA at CTC, where she serves as the President. At Northern Lebanon High School, she is a member of National Honor Society, Math Honor Society, Student Council, Spanish Club, and on the executive committee of Mini-Thon. Outside of school, she volunteers her time at a local daycare and provides tutoring services. She also works part-time at EM Nail Spa and Jay Vending.

After graduation, Cheyenne plans to continue her education at a post-secondary institution to study nursing. Her career goal is to become a Registered Nurse.



Ashton Beck, EL, Electro-Mechanical Tech.

Ashton Beck is the son of John and Sheree Beck, Myerstown, PA. Ashton is a senior at ELCO High School and is enrolled in the Electro-Mechanical Technology program at the Lebanon County Career and Technology Center.

Ashton is a member of his high school soccer and tennis teams. He is also a

Freshman Forward leader at ELCO and received the honor of Student of the Month. Outside of school, he volunteers at the youth soccer camps and a youth disability soccer program in Myerstown. Ashton works part-time at Dutch-Way Farm Market.

After graduation, Ashton plans to continue his education at Thaddeus Stevens College of Technology to study Electro-Mechanical Technology. His career goal is to work in the field of Robotics and Electrical.

