

TECHCONNECT

March, 2021

LCCTF Grant to Boost Manufacturing Awareness

The governor’s office announced on March 4, 2021, that the Lancaster County Career & Technology Foundation, in partnership with the LancasterMakes committee, will receive \$187,000 in grant funding. This grant is to “promote manufacturing careers and support and prepare students throughout the process of training and obtaining employment.”

LCCTF Executive Director, Jennifer Baker, says that the grant will fund endeavors to “connect with every middle schooler in Lancaster County to provide them with knowledge and experiences of the many career pathways in manufacturing.”

The release from Governor Wolfe’s office explained that the funding will “boost manufacturing awareness” for students in Lancaster County. The state’s Manufacturing Training-to-Career program will also work to drive awareness and opportunities of careers within manufacturing.

Director Baker explained in the governor’s press release that “the LCCTF is extremely honored to be awarded this grant to expand on our efforts of creating career exploration events and public awareness of Lancaster’s high priority trade and technical occupations.” She added that this project will also allow the Foundation to strengthen partnerships with local manufacturing businesses and provide them with opportunity to meet and engage with the county’s future workforce.

The release also stated that agencies in Lehigh County are also receiving similar state grant funds to accomplish the same goals of increased awareness of manufacturing options in the region.

[Click here to view the original press release from Governor Wolfe’s office.](#)

Faculty Innovates to Provide Effective Instruction

It was a typical Tuesday morning in late January. Christiaan Baird, the Commercial Art program instructor for the Lancaster County Career & Technology Center had greeted his class. He did morning announcements, reviewed some approaching class deadlines, outlined the new class unit on color and graphite figure drawing, joked around a bit, and got them all moving to work on their projects.

The only unusual aspect of this otherwise usual morning is that Mr. Baird was not present in the classroom. He was at his home, under quarantine, after a family member contracted the Covid-19 virus. He was interacting with his students virtually, using a webcam and projector in the classroom. His students were in the classroom at the Brownstown campus working through their day with assistance and supervision from an in-person substitute teacher.

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Alpacas Visit Animal Production Class

The Animal Production Science & Technology program gets the most interesting class visitors! Freckles, Ruby, and Finney the Alpacas visited the class on Wednesday to get their nails clipped with varying degrees of cooperation.



Mr. Baird, and other instructors at the Lancaster County CTC, have leaned on technology whenever feasible in order to maintain a continuity of instruction in the face of quarantine. CTC teachers have used web cameras to broadcast themselves reviewing skills and giving lectures. CTC students learning remotely have used the Canvas Learning Management System to keep their lessons organized and to communicate effectively with their teachers and the school.

“I wanted to keep up the normal routine of the classroom as much as I can,” Baird sat referring to the remote instruction. “That routine, that schedule, would help us start an unusual day the right way.” He continued saying that he even maintained “desk hours” for students to meet with him one-on-one if they had any specific issues or questions.

Tess Hurst, an LCCTC Commercial Art student from Manheim Township School District, said that the situation with Mr. Baird working remotely forced her to think through her questions differently.

“I couldn’t just raise my hand, ask Mr. Baird my question, and get my answer. I needed to work through the problem. I asked myself if there were other options,” she said. Was there another way I could get past a problem? I worked problems over with my classmates more than I did before. I knew that I could get an answer from Mr. Baird if I had to, but I got better at finding some answers myself.”

This instructional flexibility such as this had its roots in the very beginnings of the pandemic. In the spring of 2020, public schools across the country had to transform educational instruction suddenly and completely. Throughout the summer, the LCCTC staff and faculty dedicated themselves to reworking the physical spaces, procedures, policies, and instructional methods that would carry our school through the coming year. One thing was clear. We would need to be as flexible and as resourceful as possible to keep instruction as normal as possible.

“I am proud of the dedication of our teachers and staff to the education of our students,” Dr. Stuart Savin, Administrative Director of the Lancaster County CTC. “I am amazed at the ingenuity and creativity they have displayed in their instruction throughout the last twelve months. We all should recognize and appreciate the lengths that our faculty will go for our students.”

Every class and campus has had to deal with many individual instances of students and instructors being forced into quarantine during the school year. There have been times where whole classes have moved to remote learning for the period of quarantine. Remaining flexible and responsive to emerging situations and adhering to our Health and Safety Plan protocols have allowed the LCCTC to keep providing in-person instruction all this time.

The Veterinary Assistant program has two instructors. One of the instructors, Lindsay Feerrar, entered quarantine in January after being exposed and worked remotely for a full school week.

“I thought that instructing remotely worked very well for our program. One challenge was that I have children at home they can be noisy but I was able to use noise-cancelling headphones with a microphone that really helped me focus on the students. I looked like a gamer with the headset while teaching,” she said.

Mrs. Feerrar said that she was informed that she needed to quarantine during the class’ lunchtime. She flew through her classroom, grabbed several items that she felt she would need to conduct class, drove home, and set up for remote instruction by the time the students were returning from lunch.

“So we did not sacrifice any classroom time at all,” Feerrar said laughing. She added she was able to sign off on some skills for the students that afternoon. “One-

FFA Week Celebrations

The Future Farmers of America chapter at the Lancaster County Career & Technology Center celebrated FFA week with a dress down day, a food drive, and a truck show!

The winner of the truck show was James Barr, Introduction to Transportation Careers, Solanco School District. The runner up and third place winners were, respectively, Austin Weaver, Automotive Technology, Warwick School District, and Andrew Ferrarelli, Veterinarian Assistant, Elizabethtown Area School District.

The Animal Production Science & Technology program thanked the truck show judges Alan Wakefield, Josh Lingle, Cheryl Kercher, and Jodee Franco as well as the local businesses that graciously donated items for the truck show prizes.



by-one for the camera, my students came up and demonstrated methods to give ear, eye, and oral medications,” she said.

Beyond remote instruction, our teachers have used some extremely creative means during the pandemic to teach hands-on skills during remote instruction. At the beginning of the shutdown last spring, Introduction to Construction Instructor Aaron Adams developed YouTube channel and is still developing many videos that demonstrate construction skills. You can check out his YouTube channel of over 40 videos at https://www.youtube.com/channel/UC6RM_MhrMneOSOCZQEINokw/videos.

Practical Nursing Instructor Alison Nolt developed several processes using household materials that PN students can use to simulate skills training and lab work at home. Using soda bottles, hot dogs, potatoes, and paper plates, she methods to simulate procedures like catheterizations, tracheostomy care, wound packing, and more.

“I had a couple of soda bottles. A few snips with scissors, a bit of cardboard, a shoelace, and I had built a tracheostomy tube that I could practice skills on,” Alison said.

We don’t know when the circumstances of the pandemic or the rollout of the vaccine or any other factors will allow public schools to return to some sort of normalcy. We do know that our staff and students have done their absolute best this school year to keep instruction on track and moving forward.

Adult Ed Transportation Offers 40-Hour Courses

The Commercial & Motor Vehicle Training Center at the Lancaster County Career & Technology Center’s Mount Joy campus is re-viving a pair of truck driving training programs. The CMVT Center is offering 40-hour programs designed either to get a previously licensed driver back on the road or to get a truck-driving novice some one-on-one instruction and experience driving tractor trailers.

CDL 40-Hour Refresher Course

The CDL 40-Hour Refresher Course provides a student who already has a CDL “A” license the opportunity to reacquaint themselves with the processes of pre-trip inspection, backing, and road qualification to operate any combination of vehicles with a gross combination weight rating of 26,001 pounds or more, provided the gross vehicle weight rating of the vehicle or vehicles being towed is in excess of 10,000 pounds. This is a group program, not one-on-one training. Participants must pay an additional price for a drug test and a Penn-DOT physical from a third-party provider. Participants completing the course will receive a 40-hour refresher certificate.

The CDL 40-Hour Refresher Course, as has been stated, is 40 hours long and is completed in one week from Monday through Thursday, 6:30 am to 4:30 pm. Class size is limited to four participants. Tuition for this course is \$1,000. Additional fees for a drug test and a Penn-DOT-approved medical physical examination are required.

40-Hour Behind-the-Wheel, One-on-One Instruction

The CMVT Center is also offering a 40-Hour Behind-the-Wheel Training program that prepares the students to be able test for a CDL Class A license. With a CDL Class A license drivers are qualified to operate any combination of vehicles with a gross combination weight rating of 26,001 pounds or more, provided the gross vehicle weight rating of the vehicle or vehicles being towed is in excess of 10,000 pounds. Participants completing the program may test for a CDL Class A license but they do not receive a CDL Certificate and are not eligible for Over the Road truck driving positions.

This program is designed for those with some tractor trailer experience. This is one-on-one training. You must have a CDL Class A learners permit to take the course. Additional fees for a drug test and a Penn-DOT-approved medical physical examination are required.

The course is 40 hours long and is completed in two weeks (part-time) or one week (full-time). Two-week Morning courses are Monday through Thursday, 6:30 to 11:30 am. Two-week Afternoon courses are Monday through Thursday 12:30 to 4:30 pm, and Friday, from 12:30 to 4:30 pm. The full-time, one-week course is Monday through Thursday, 6:30 am to 4:30 pm. Tuition for this course is \$3,000. Additional fees for a drug test and a Penn-DOT-approved medical physical examination are required.

Second Quarter Honor Roll

Congratulations to all of the Lancaster County Career & Technology Students who have earned Honor Roll for the 20-21 Second Marking Period! Great job, everyone!

Adult Education

Ana Becerril Perez
Jessica Bruckhart
Alysa Finegan
Breanna Fritsch
Madison Glick
David Hamilton
Vanessa Jenks
Carrigan Legenstein
Kalyn Pederson
Pamela Plata Zayas
Denise Purdy

Cocalico Senior High School

Katie J Barats-Moyer
Adam R Bollinger
Ivana Breton
Colten O Brubaker
Mackenzie C Burd
Kylie B Burkholder
Jacob Z Hankins
Logan J Harting
Angelina D Heft
Nolan S Krick
Miguel A Leis
Connor S Leisey
Clay A Martin
Kerr J Mccray
Madison P Moore
Dakota L Nichols
Absinthe V Phillips
Anastasia R Plotnikov
Brian Reedy
Nicholas A Reich
Montana S Roth
Gordon J Russell
Daulton G Smith
Elmer J Smucker
Page M Spayd
Austin J Wieder
Anthony T Xiong
Erich A Zimmerman
Josiah J Zimmerman
Luke C Zook
Brielle F Zwally

Columbia Junior/Senior High School

Mathew Batista
Anonya Y Bland
Anthony Desilva
Ryan J Hinkle
Jordan M Rhoads

Conestoga Valley High School

Jannah F Abdul Latif
Mohrael A Adly
Rahel Amani
William J Burgess
Leyshka S Carbuccia
Sarah L Estrella Reyes
Liligrace C Foulk
Jayden T Fryberger
Alexis L Goldsborough
Brandon L Hamilton
Elizabeth G Hammond
Carolyn G Hollister
Shea D Justiniano
Nathaniel E Kirchner
Michael D Martin
John W Nissley
Jelisa E Perez
Genesis P Perez
Nyahlisse Rodriguez Rivera
Melany Ruiz Estrada
Josiah E Saez
Shakiramanta L Saturne
Kassidy L Sedler
Kelsey J Smith
Natalie L Snyder
James D Williams

Donegal High School

Keri J Anderson
Scotland G Bender
Shyanne M Binder
Luke C Bixler
Airiana J Donnan
Amber R James
Jillian Q Lawrence
Alexander X Salvatore
Haileigh N Shepler
Morgan L Weaver

Elizabethtown Area High School

Alexander E Ackerman
Success H Beah
Shante A Bollinger
Elizabeth M Carter
Rhilynn M Coffey
Mathew J Cruz
Richard P Dworsak
Madison M Ernst
Moriah J Garber
Chloe A Garner
Samuel A Greenawalt

Jordyn M Gutshall
Colby E Hall
Elvin G Irizarry Jorge
Remi N Keeports
Bryce R Krepps
Madison R Liskey
Ava J Lorenzen
Ava Mcmillen
Maggie J Mink
Mackenzie J Peterman
Gabriella Pistone
Evynn P Reider
Callie A Reigle
Carson Shepler
Kylee J Shopf
Matthew C Smedley
Elizabeth J Stiles
Olivia N Sullivan
Deric Wang
Damian M Zink

Ephrata Senior High School

Adrianna C Ault
Evelyn F Blaies
Sawyer A Boll
Paul D Cartwright
Catherine L Collier
Hailie M Dawson
Nicolas R Eby
Kayden I Garcia
Kayla L Hackman
Darrien M Jenkins
Lillian J Keith
Tucker C Kurtz
Tyler C Martin
Averie R Paparo
Nicholas D Parmer
Joshua Patrushev
Ashlyn D Quinter
Briana P Schweitzer
Elizabeth N Shilalo
Shannon N Slaughter
Colin E Terry
Mariah J Wilkes
Connor A Worley
Sabrina C Zamatayeva

Garden Spot High School

Briana R Clouser
Amanda G Coblentz
Emily R Helmick
Olivia E Kimball

Ryan A Martin
Jan N Martin
Eian R Mindy
Julianne P Nathan
Riley E Oppenheim
David G Perez
Dominick M Pompili
Cory A Ream
Jack D Redcay
Orion D Rosario
Madelynn B Sasso
Kyle Smith
Kendra C Thompson
Hailey R Wenrich
Hannah J Wenrich
Nathan C Witwer

Hempfield Senior High School

Jenna L Baney
Logan J Baughman
Darren Brandt
Colton M Burger
Cameron Clawson
Allexa R Diffenderfer
Ashlyn M Flowers
Leah C Gappa
Nashon J Good
Jaden Hagelgans-Billetdeaux
Russell A Hanes
Bryce A Hatfield
Elijah M Hinton
Landon H Hoffman
Anna M Hooper
Clara A Kauffman
Martin J Kegeberise
Riley A Lichvar
Logan A Lippert
Junitza L Martinez-Casiano
Erik M Odenwalt
Brady R Pawelczyk
Lisbel D Rodriguez Gomez
Jose G Rosa-Soto
Amanda R Roth
Jeffrey A Shirk
Owen A Shirk
Gavin K Sload
Gavin M Suydam
Simon R Tanner
Mateo D Vargas
Xiao-Wei T Wisotzkey

Home School

Maranatha H Leiningner
Moses S Martin
Sarah K Matteson
Carrie J Musser
Olivia J Stoner

Rachel York
Jeremiah T Zimmerman

J. P. McCaskey High School

Lorenzo D Dejesus
Aidalina L Jackson
Mayelin Polanco Aponte
Lilyana I Rosado

Kelly School

Justice F Kipp

Lampeter-Strasburg High School

Lexie A Bowling
Bradey Cunningham
Gabrielle D Harner
Bryce A Johnson
Aliyah P Mccomsey
Caitlyn P Mcvey
Nicole R Miller
Cheyenne M Oberdorf
Alexandra A Rodriguez
James G Sargent
Kiana M Thedford
Kyle J Younger

Lancaster Catholic High School

Savana N Albert
Nicholas J Aten
Michael Burns
Colin H Campbell
Delia S Molina
Andrew J Reese
Carl T Schroeder
Olivia M Wolpert

Lititz Christian School

Bradon J King
Deshaun N King

Manheim Central Senior High School

Brian V Clark
Lillian M Deremer
Cayla J Haggans
Ian B High
Abigail R Hostetter
Corinne N King
Dylan R Larocca
Tymothy N Lehman
Madison L Miller
Leah G Minnich
Ayden A Morris
Justine L Pfaff
Katelyn G Pilsner
Jeremiah M Snyder

Brett A Steigauf
Anastazia E Stoner
Dakoda W Thomas
Javan Vargas
Jenna Wagner
Owen T Wagner
Jonathan G Wells
Taylor M Zajac

Manheim Township High School

Shaday A Amaya
Daniel E Asso
Caroline J Chesnutt
Alanah R Dejesus
Ruthshaina Este
Sarah E Frey
Drew T Heflin
Theresa G Hurst
Aurelia J Huss
Alyssa D Johnson
Quinn R Mellinger
Jessica R Metias
Joshua M Mihaljevic
Javier N Nadal-Torres
Thuan M Ngo
Anthony H Nguyen
William P Palguta
Alizea U Perez
Alicia Y Quinones
Madison M Rinier
Caitlin M Schaefer
Christopher A Schnee
Paige E Shelley
Claudia A Smith
Isabel R Vreeland

Mount Calvary Christian School

Zachary J Sawadsky

Penn Manor High School

Halie J Adams
Kaylee R Brubaker
Tyler S Carlock
Gavin A Carroll
Zachary A Clare
Cierra E Ditmer
Alex H Ebersole
Cassandra M Ellis
Destiny E Evans
Abbegayle Ezard
Marcus C Fulmer
Graham D Gordon
Madison K Hamaker
Dylan R Hamby
Karlie E Hess
Brooke M Johnson

Emma Lawson
Elyanis S Martinez
Theodore R Ney
Adam W Osborne
Jordan L Pantaleo
Chiwah Paw
Ari M Ribecca
Natasha I Rodriguez
Ean N Ross
Conner J Schlegel
Emily M Shotzberger
Kyle A Smith
Allison R Spangler
Bhawana Timsina
Nathan R Torres
Ruth N Valdez-Feliz
Jewel Wall

Pequea Valley High School

Anais Quinones Santiago

Solanco High School

Elizabeth M Bailey
Cameron J Barr
Robert C Bird
Racheal E Cornelius

Emma R Curtis
Moses A Dominguez
Austin W Lefever
Austin B O'Donnell
Angialyna M Peace
Phillip A Reburn
Zoey C Rumberger
Anne G Russell
Dalton J Shank
Hunter E Sheets
Connor L Swarner
Hannah G Weicksel
Kaley A Wilson
Bailey A Wood

Warwick High School

Ryan A Becker
Dejahnay A Bent
Adam J Blankenmyer
Hunter J Brown
Madison M Brown
Silas B Cole
Hannah L Fleischer
Ty P Garman
Avery J Goshert
Drew M Harnish

Alyssa M Harris
Elissia Huss
Ethan G Huss
Faith K Kunkle
Tyler D Lamb
Mikayla D Lefever
Ryan A Martin
Trent C Martin
Corbin R Mccollough
Kaylee V Mentzer
Sidney R Mosher
Gabriel J Nauman
Jackson T Oehme
Mue Gay Paw
Nathaniel J Robbins
Alondra Rodriguez Nunez
Juliana M Sayevskiy
Kayla S Snyder
Charles C Spidel
Chelsy R Stoltzfus
Aydin S Thompson
Amberly J Trusty
Gabrielle R Wenger
Kyle I Young
Brooke T Zimmerman



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