



## Building Trades

### Instructor: Jack Flory

As we started a new school year, the construction trades students began by completing their safety training including the OSHA-10 hour certification and the SP/2 safety course specifically designed for the construction industry. This year our program offered our second year students the opportunity to complete the OSHA-30 construction industry safety training which is a required certification by commercial contractors. This option is a valuable credential to those students pursuing a career in construction after high school graduation.

Our first year students began a dual enrollment program developed with Alpena Community College (ACC) giving the construction trades students the opportunity to earn college credit by completing the course "Introduction to Concrete."

This introductory course is a requirement of the Concrete Technology Program offered at ACC and focuses on the numerous career opportunities within the concrete industry relating to management, engineering, testing, and more. The course demonstrates to the class the importance of the various materials and procedures for developing the correct concrete blends required for different projects such as bridge building, precast concrete, road construction, and more. Guest speakers from quarries, block plants, MDOT, etc., shared with students first hand the lucrative careers within the industry and the high demand for qualified employees today.



Jasmine Ortiz (H), demonstrating how to safely construct scaffolding at the MICareer Quest in October.



Construction Trades class visting Janish Woodworks in Whittemore during the Manufacturing Day field trip.

activities. Our second trip, trades students participated in the manufacturing day career exploration sponsored by Michigan Works where they attended a field trip to Janish Mill and woodworking shop in Whittemore, Michigan. Students gained knowledge of different grades of materials used within our industry and how the materials we use on site are manufactured.

(right) The morning Building Trades students take a break to pose for a photo op.



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Outside the classroom construction trades students continued with the construction of our housing project. Students over the last few months engaged in finishing the exterior siding (right), garage door installation, deck construction, and installation of the interior walls. Currently students are assisting with the installation of the electrical wiring, HVAC, and plumbing working side by side with local contractors. As we move into the new year, students' classroom and on-site learning practices will focus on construction finish skills and activities with a target project completion date of June 2023.



(above) Oscoda and Whittemore-Prescott students installing siding to the house project.



In addition to finishing our current house, students are working on the preliminary plans and procedures for our next housing development. Students are learning how to establish a project's building lines, setting elevations and how to square and create ninety degree corners. Students will be assisting with the excavation and foundation construction in the spring 2023.

As winter approaches the trades students will participate in several more career exploration activities including career presentations by guest speakers including the IBEW (linesman and power station workers), Electricians union, Baker college, Northwood University, Great Lakes Boat Building School, Carpenters and Joiners Apprenticeship, and Delta Colleges Residential construction management program. Our classes

will also attend a winter field trip to Alpena Community College and explore first hand the numerous post secondary career opportunities in the construction industry offered through ACC's Technology programs.

(bottom left) left to right, Kenney Carpenter (H) and Quin Klenow (T).

(below) left to right; Tawas students: Isiah Nelkie, Kellen Earl, and Sam Olar. Ground left to right; James Bond and John Schley.



## Business Management

### Instructor: Hannah Blust

The Business Management program has been busy this fall in and out of the classroom. Students toured Kalitta Air, Phoenix Composites and attended MI Career Quest at Saginaw Valley State University. Business Management had



(above) Landin Duby (O) getting interviewed during the MI Career Quest.

several guest speakers; Minth Plastic Trim International– Human Resources, Real Estate One, a Marine Recruiter and a representative from Saginaw Valley State University.

Business students designed new class posters for all CTE programs. The students came up with unique slogans for each class.

Business students have begun to work on their big project for the year. All students have to create a business and come up with a formal business plan. This includes all marketing materials, slogans, products, catalogs, prices, etc. All students completed a formal and useful resume and cover letter that they will be able to utilize in their future careers!



(above) Students received gifts from Minth Plastic Trim International– Human Resources when they came to speak to the class.



Above (left to right), Oscoda students; Nick Snyder, Daniel Roman, Dreyton Williams, Michael Myles, Instructor, Hannah Blust, Landin Duby, Matthew Skuse, Aaron Ellis and Lucas Farrier.

(left) Erin Brown (T), Elise Klinger (T), Tayler Thompson (T), Matthew Tiffany (T), Deontae Hence (H), Eddie Lavere (H), Landon Selman (T), Bo Shufelt (T), Preston Bassi (H), and Dalton Jaremba (H).

# Interviews



**Students completed 16 state recognized certifications in the fields of Human Resources and Professional Skills.**

(left) Business Management students were placed in a real interview scenario where they had to prepare and dress the part. The students had to interview with the “interview panel” which consisted of four members.

# Culinary Arts & Restaurant Management

**Instructor: Kimberlie Foskett**

Culinary Arts and Restaurant Management has had a busy first semester. Everyone passed their ServSafe prep test to be able to enter into the labs early this year. It was a great start to the year. We have been busy with working with chocolate garnishes, piping techniques and cake decorating. Students even had two catered cake projects right off the bat. The baking and pastry section was a success with many wonderful character cakes for level one students and layered cake creations for level twos. Students learned some wonderful ways for plating desserts and making dessert sauces. We had some fun with food science and doing molecular gastronomy making fruit caviar. Students showed off their artistic side during pumpkin carvings.

Level one students have finished our fish cleaning and filleting section and learning to make sauces and what is best to pair them with. While level two students worked on derivatives of the mother sauces and what to pair those with. Culinary students had fun learning the different methods of cooking fruits and vegetables, and made Ratatouille. We had a good turn out to our Annual Community Thanksgiving dinner this year. It was held at the United Methodist Church in Tawas.



(above) left to right; Tawas students, Paul Mendez, Nick Craft and Everett Hanson are preparing pies for the annual Community Thanksgiving dinner.

(left) Students gathering after another successful annual Thanksgiving dinner.



We had lots of fun preparing and prepping food with lots and lots of pies and turkey!

Students just finished their section on soups and stews and are now moving on to poultry. They will learn how to fabricate (cut into proper pieces) a chicken, then cook the chicken in many ways. Students will start with chicken marsala, chicken curry and end with chicken piccata. This is all in their cultural cuisine cooking.



(left) Paul Mendez (T), Mahcayla Nichols (T), Chef Kim and Brooke Trudel (Ogemaw AEA) learning how to fabricate a chicken during lab.

(right) Everett Hanson (T) and AJ Short (H) decorating a Nerf cake using fondant.



## Culinary Arts & Restaurant Management

### Instructor: Kimberlie Foskett

The level one students really enjoyed learning to schnitzel (means to flatten) chicken and dredge (coat) then pan fry to make chicken parmesan sandwiches. They loved making the marinara straight from tomatoes. Mrs. Foskett states "I love to see them amazed at how they make the food and how good it is, that's a wonderful thing".

We had a lot of 8th and 10th grade visitors come to visit our program on tour day. Students demoed making dessert chocolate almond crepes and how to set a beautiful holiday table setting.

We took a day away from the classroom to go visit the Great Lakes Culinary Institute in Traverse City. Students were excited to see the college end of Culinary and the Maritime Academy.

We are now getting started on their ProStart State Invitational competition categories to compete in. We have students signed up for; culinary - where they have a team of 4 prepare an appetizer, entre with a side and a dessert in one hour, with no electricity and only two butane burners to use. Then we have students signed up for table top design where they have a theme to create and design a menu and set a beautiful table setting for eight. We also have a team signed up for nutrition - where they have 30 minutes to make a child's menu that follows the nutritional guidelines, and then a team for our ServSafe Knowledge bowl, jeopardy style. This should be a good competition year in Port Huron. This is open to the public to watch and free of charge, so come watch what they have learned in class and cheer them on!



(above) Students learning the proper techniques of filleting and skinning fish.



(above) Students made and plated Chicken Marsala.



(above) Quinton Coleman practicing his plating skills.

**Happiness  
is  
Cooking  
Together**



left to right; Brianna Binkowski (O) and Alex Morgan (WP) chargrilling chicken.

*"Cooking is a caring and nurturing act. It's kind of the ultimate gift for someone, to cook for them." - Curtis Stone*

## Health Science

### Instructor: Debbie Thoryk

The Health Science students started the year off obtaining their American Heart CPR/First Aid/AED certifications along with learning about HIPAA, OSHA, and becoming certified in Bloodborne Pathogens. Students were very eager to get out to worksite this year. We currently have 28 students attending worksite at various businesses in the community.

Thank you to our business partners for opening up their facilities to our students and teaching them all about their professions; **Ascension St. Joseph Hospital, Iosco County Sheriff's Department, Renue Physical Therapy, Pinnacle Physical Therapy, Tawas Animal Hospital, Sunrise Side Veterinary Hospital, Iosco County EMS and**



Certified Nursing Assistants, Makayla Ward (T) and Alivia Howe (T) show Sierra Rhode (T) the proper technique involved in changing a patients' linens.

**Dispatch, Mallais Family Dental and Chadwick Optical.**

The first year students have learned all about safety with emergency medicine and how to apply a cervical collar, and how to place a patient into a KED board and spine board. Students also learned how to properly fit and explain how to use crutches, walkers, wheelchairs and canes to a patient. They also learned how to dress, wrap and splint wounds.



(above) Alana Brownleaf (O) pushes Angelina Estes (O) in a wheelchair after properly seating her with the assistance of Danya Cordell (O).

(right) Thomas Cronin (WP) places a gate belt onto Elijah Sherman (WP) while using a walker. In the background, Landon Weed (O) adjusts the height on a set of crutches.



**"The chapter you're learning today is going to save someone's life tomorrow. Pay attention." - unknown**

The second year students are completing medical terminology and branching off into their study of interest. Seniors are busy filling out FAFSA and college applications. As scholarships become available, we encourage students to fill as many out as they can. The Health Science program has had two successful Versiti blood drives this school year. Students donate blood and assist the Versiti staff in running donors and scheduling.

We visited Alpena Community College on December 16th to visit their Medical Assisting and Nursing programs and toured their simulation labs. We have many students involved in dual enrollment taking courses in; medical law and ethics, psychology and nursing math.

## Health Science

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left; students pose after learning how to properly apply and remove personal protective equipment (PPE). PPE is worn when coming in contact with bloodborne pathogens.

(below) Tawas seniors, Ashley Metz and Madelyn Koning are two of our students planning to pursue a career in veterinary care.



above; (back row) Tawas students, Julia Schlager, Sierra Rhode, Alex Felske, Brianna Loew, (front row) Autumn Revord (AE) and Heather Mousseau (T) learn how to properly strap a patient, Gabby Schulz (H), onto a spine board.

(bottom left) Ariana Crain (WP), Kristyn Apsey (O) and Meadow Leachman (WP) practice blood pressure on each other.

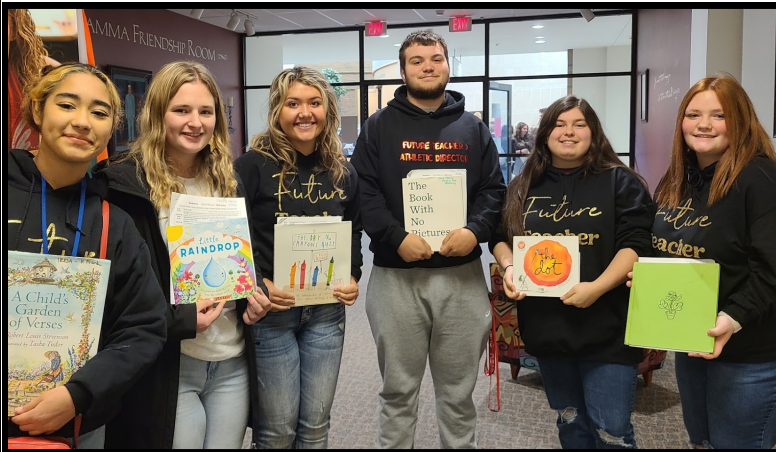
(bottom right) Second year students; Miranda Evans (AE), Thomas Cronin (WP) and Leilah Kard (O) demonstrate Cardiopulmonary Resuscitation (CPR) with an automated external defibrillator (AED) on a mannequin.





**Teacher Prep Academy  
Instructor: Kelly Frank**

It has been a FANTASTIC FALL for Teacher Prep Academy Cadets! Focus has been on college preparedness and choosing the “right college fit” for our Cadets. The students traveled to Saginaw Valley State University (right) for the annual LIFT Conference and in December toured Central Michigan University’s College of Education.



(left to right) Lina Olmos (O), Felicity Hicks (H), Katelyn Papenfus (T), Dylan Edmonds (T), Shyla Mazurkiewicz (T), and Ruby Wakeman (O) participated in the Read Aloud Competition!

(right) Jenason Arnold (T) helps her middle schoolers prepare for Veterans Day festivities.



#  teaching

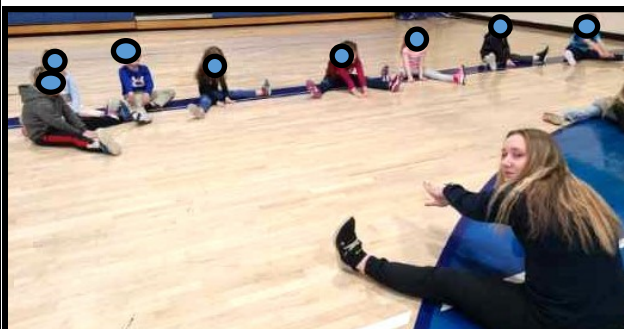


(left) Morgan Hawks (WP) runs small groups in Mrs. Sales’ Host Classroom.

(right) Hannah Gallahar (O) has been an incredible help in Mrs. Erickson’s Kindergarten Host Classroom.



(left) Dalaney Kimmerer (H) is doing an awesome job as a cadet in Mrs. Culton’s gym Host Classroom. What a workout!



## Welding and Fabrication

**Instructor: Paul Billeter**

One of the great things students get to experience while at the Tech Center is the chance to meet and learn what it is like to work at some of our local employers. On October 19, representatives from Kalitta Air came to the Welding & Fabrication program to show how their various plane parts are fabricated or repaired. Pictured right are David Baker, Matthew Bennett, James Dixon, and Bryson Melrose along with a host of other welding students working at a repair station. The following day all of the students went to Kalitta Air for a tour of their facility to get an idea of what the apprenticeship program offered by Kalitta Air looks like in real life.



**We want to thank all of the manufacturing businesses that welcomed us this fall to tour their facilities. These businesses included: Phoenix Composite of Oscoda, MINTH Corporation of Tawas, Almo Manifold of Tawas, and Kennedy Solutions Incorporated of Prescott.**

Day in and day out students are continuing to sharpen their welding skills in the new welding lab. Students are working their way through the mig wire welding process and are starting to put together their first joints such as lap joints, "T" joints, and butt joints. Students like seeing their progress, and it motivates them to become better at their skills. We are hoping to show case their skills at the upcoming Delta College welding competition in the spring.



(left) James Hall a senior from Whittemore-Prescott has learned to fabricate several projects so far in the program. He is plasma cutting a piece of metal that he turned into a very unique name plate. This is his first year in the program and he really likes the process of fabricating and welding.

(right) Bryson Melrose is a very hard working student from Whittemore-Prescott. He has completed his Mig "X" block side and is currently working to finish his stick welding side using a 6010 rod. He is excited to continue learning all of the welding processes and become proficient in them.



The Iosco RESA Career and Technical Education Center would like to take this opportunity to recognize **John Schley** as **“Professional Student of the Month” for September 2022**. John is the grandson of Cheryl Schley. He is a senior at Tawas Area Schools.

John is a second year student in the Building Trades program. In joining building trades, John’s goal was to achieve a potential career path as a construction general laborer. As such, daily tasks would be to assist carpenters in gathering and moving materials and tools, hand excavation of soils using a shovel, ensuring a clean worksite, and other manual labor activities. To date, John has far exceeded these expectations. Currently he has passed tool safety and performance tests for the Skill Saw, Compound Miter Saw, Rotary Drills, Battery and air powered nail guns. Within his crew, John is what we call the “Cut” man on his team. Members yell down measurements to him, he transfers the measurements using a tape measure to the material, and uses a skill saw or miter saw to make accurate cuts within a 1/16 of an inch for his crew. This is an exceptional task. A couple weeks ago, John elevated to a height of twelve feet, and properly used an air nailer to attach lumber to the home projects vaulted ceilings. Measuring, cutting, and nailing are a “Carpenter’s” skills set and far exceeds that of a general laborer. John always steps up when asked and does more than his fair share when it is time to clean up for the day. Through his efforts, participation and hard work, John not only can be a general laborer, but a good Carpenter in the future!



The Iosco RESA Career and Technical Education Center would like to take this opportunity to recognize **Aaron Ellis** as **“Professional Student of the Month” for October 2022**. Aaron is the son of Todd and Farrhen Ellis. He is a junior at Oscoda Area High School.

Aaron is a first year student in the Business Management program. He came into the business class one week into the school year and was eager to be a part of our team. Aaron is always very professional, kind, and a pleasure to have in class. He is not only a fantastic student, but he is very artistic. Whenever Aaron has completed all of his work, he begins to draw. His artistic skills are so amazing and his passion for art is admirable. Aaron is learning that creativity has a big impact in business. Marketing is one of the large six functions of business, so this allows him to show his creativity, while still being involved in the business world! His teacher is very confident that Aaron is going to do big things and she is so honored to be able to help guide him into his future.

The Iosco RESA Career and Technical Education Center would like to take this opportunity to recognize **Sierra Rhode** as **“Professional Student of the Month” for November 2022**. Sierra is the daughter of Nicole Weber and Jeff Rhode. She is a senior at Tawas Area Schools.

Sierra is a first year student in the Health Science program. Her work ethic is beyond her age. Sierra not only completes in-class material, she participates in dual enrollment, and also attends work site with Iosco EMS and participates in ride-along activities. Additionally, she works at Iosco Medical Care Facility as a nursing assistant. Needless to say Sierra is hard-working and an absolute pleasure to have in class. She is always willing to lend her peers a hand and volunteers where needed.

