

GATEWAY AS A LEADER

Fab Lab 10:00AM Radio Show

This Month's Fab Lab 10:00 AM show highlighted Gateway's Design program. Instructor Sue LeCanne discussed her early involvement with Fab Lab Advanced Design and Business Start up classes. Graphic Design at Gateway was one of the first disciplines to make the connection with 3D printing and Laser engraving, and its relevance in the arts. She was also instrumental in helping the Fab Lab develop a Digital Arts Curriculum we hope to eventually integrate into the Design and Engineering programs as "Aesthetic in Design". Check it out at WGTD.edu



ACADEMIC AND CAMPUS AFFAIRS

Academic Operations

Academic Operations and Course Scheduling are busy preparing for the 24/25 academic year. More focus will be placed on data based course scheduling. The team is gathering, reviewing, and interpreting data related to scheduling for programs with high cancel and directed study rates. This information will be shared out with the Deans and Chairs during the annual scheduling meeting so they may review and evaluate campus location offerings, program start terms, improve alignment, along with other constraints.

Meeting and event scheduling has been working closely with NCR regarding their event in July and coordinating with facilities and IT.

Kenosha Campus

The Summer semester is underway and hopefully warmer weather will follow. The Horizon center EVOG track construction repair and improvement is underway and will be completed by 6/9/23. Additional construction for reconfiguration and more efficient use of space for faculty offices and a small classroom is also underway. During the Summer the Kenosha campus will have parking lot repairs taking place on the main campus. HVAC improvements for the science wing in the Academic building is estimated to begin at the end of July, pending any further supply chain delays. Other HVAC work will be taking place at the administrative building and the Madrigano Conference center as the units are shipped.

The Law Enforcement Academy will graduate their 42nd class on Friday, June 2, 2023 at Haribo Hall in the Madrigano Center. The Kenosha Campus will be hosting a Pride Month celebration in the Kenosha Atrium on Thursday, June 8, 2023. And a Juneteenth celebration will take place in the Garden room on Tuesday, June 20, 2023.

Racine Campus

The roof repairs for the corridor from the Technical Building to the Racine Building and Racine Building first floor entrance has been completed.

School of Pre-College and Momentum Programs

On May 24th, students were recognized for earning their GED or HSED credentials during FY2022-2023. The ceremony took place at Racine Festival Hall. Guest speakers included, Dajane Williams (District & Racine Campus Ambassador), Michael Alexander (Wisconsin Department of Workforce Development Employment and Training Supervisor), Mike Ward (Vice President for Business and Community Development for the Wisconsin Economic Development Corporation), and Quintessa Simonsen (Student Speaker).

School of Health

Congratulations to our 2023 Grads! We had a number of students across our health programs participate in graduation ceremonies on 5/17/23. Lisa Just, Aurora Healthcare Area President, South Wisconsin was our keynote speaker.

We are in the final stages of preparing to welcome students for our summer camps. We have faculty volunteers from various programs ready to provide students with interactive activities across a number of our programs.

We are actively working on enrollment. We recently looked at fall enrollment including students who were close with their HESI A2 placement tests. Because we have room with enrollment, we looked at students who were within a point of nursing and practical nursing placement requirements. We identified the students and the academic advisors will be reaching out to offer those students seats for the fall semester.

We recently met with the Advocate Aurora leadership team. Lisa Just, Area President put the meeting together to introduce Dr. Raju to the Aurora leadership team and to also discuss their needs. It was a very fruitful meeting and we came away with a number of opportunities to grow our partnership with Aurora.

School of Manufacturing, Engineering and Information Technology

The School of MEIT held the SUMOBOT 2023 competition on Star Wars Day May the Fourth at the SC Johnson iMET Center. Over 150 middle and high school students formed 32 teams in the competition. Participants came from the following schools: Elkhorn Area High School, Elkhorn Area Middle School, Johnson Creek, The Lincoln Academy, Paris School, Randall Consolidated, The REAL School, and Walworth Middle School. Robotics teams competed in four events: a design portfolio (poster & oral presentation), a time trial, a timed task course and a sumo wrestling event. Congratulations to the “Boggy Wheels” team from Paris School, the overall competition winning team. We are looking forward to planning Sumobot 2024.

Gateway Technical College School of MEIT students swept the American Technical Education Association ATEA 3D Futures Competition sponsored by Dassault Systems taking first, second and third place. Congratulations to 1st PLACE: Suzanne Conner, Mari Jocson, Thomas Visintainer; 2nd Place: Michelle Frahm, Jesus Maldonado; and 3rd Place: Jeffrey Foat, Ryan Koeppen, and Justin Roehl.

Congratulations to all our 2023 graduates! The commencement ceremony was held on May 16 at the University of Wisconsin Parkside. CNC Programmer student and Elkhorn Campus Ambassador Thomas Routt, Jr. was the student speaker at the ceremony.

Two of our faculty, Bryan Kasun and Thaddeus Celack, and students went to the FANUC Automate! Show in Detroit, representing Gateway Technical College and our EMMT and AMT programs.



International Education

The end of spring semester and start of the summer semester marked the beginning of a really busy season for The Office of International Education.

Two faculty international professional programs happened for the first time:

Belize (April 29th through May 6th). - 2 faculty (in association with Racine Rotary Club)

Ireland (April 20-26, 2023). - 5 faculty (Institute of Study Abroad, Ireland)

The Study Abroad program returned this summer for the first time since the pandemic.

Programs were to Ireland and Scotland, Vietnam, and Australia. A total of 28 individuals for all 3 programs.

Finally, Gateway hosted our first ever student visitors for an exchange program with Scotland (New College Lanarkshire). The students came as part of an exchange to learn about Gateway programs as well as culture and industry in Southeast Wisconsin.

Learning Success Coaches

The Learning Success Coaches have gotten off to a great start for the Summer Semester. The Nursing Learning Success Coach has been doing many one on one coaching sessions along with classroom visits and workshops on test taking, study tips and time management. The newly formatted NCLEX started April 1st, so preparing our students for that upcoming exam is ongoing. The Administrative Professional, Business Management, Marketing, and Human Service coach has continued one on one coaching sessions and has been assisting students that are completing Summer Field Placements and Internships through placement searches and preparation.

COMMUNITY AND GOVERNMENT RELATIONS

Community and Government Relations

The Center for Sustainable Living continues to have visitors from the local schools, girls scout troops and community members. This past month we have been able to complete the new potting bench that was supported through a grant from the Green Bay Packer Foundation. It has already been used by the local school groups for activities!



With summer right around the corner, there are many activities with the local chambers and community organizations that we are a part of - United Ways, Boys and Girls Club, RAMAC, Racine Community Foundation, Burlington Chamber, WCEDA to name a few.

We continue to meet with our elected officials to hear from them what they are passionate about, how the state budget process is going and how we can work together on initiatives that impact our communities.

We were able to attend a small grand opening of the new Haribo building. It was a wonderful ribbon cutting with many of their community partners. We are also continuing to meet with businesses in SE Wisconsin to hear what their needs are and how Gateway can help.

There are external signage projects that are beginning on the campuses and we continue to work with the campuses on remodeling projects.

Foundation

Gateway Foundation thanks our donors whose generosity transforms the lives of students every day.

As of May 31, 2023, 335 donors chose to help Gateway students through the Foundation by contributing \$666,619.

The generous gifts were from individuals (including Gateway faculty and staff as well as alumni) and organizations (including businesses, foundations, and service clubs). Donors have contributed to areas such as the mission of the Foundation, student scholarships, the endowment, The President's Opportunity Fund, the Gateway Promise Endowed Fund, student emergency funds, the WGTD Program Fund, the Short-Term Training fund, and the Foundation Scramble.

We are grateful to the following organization donors for their support of Gateway Students through the Foundation:

- Bane Nelson (\$1,500) Foundation Scramble
- Complete Office of Wisconsin dba Emmons Business Interiors (\$5,000) Foundation Scramble
- Johnson Financial Group (\$3,000) Foundation Scramble
- Kenosha Area Convention & Visitor's Bureau (\$3,390) Foundation Scramble
- Kriete Truck Center (\$ 2,780) Foundation Scramble
- Lynch Family of Dealerships (\$2,000) Foundation Scramble
- Michael's Signs (\$2,000) Foundation Scramble
- Partners in Design Architects (\$10,000) Foundation Scramble
- Snap-on Incorporated (\$5,000) Foundation Scramble
- State Bank of the Lakes (\$1,050) Foundation Scramble
-

The following direct enrolling high school seniors received Foundation High School Scholarships. They represent 15 area high schools.

Kenosha County

Bradford High School

Matthew Quintero -- Gateway President's Opportunity

Juan Hernandez – Gateway to Success

Harborside Academy

Allison Gutteridge -- Gateway President's Opportunity

McKenzie Underwood – Gateway to Success

Lakeview Technology Academy

Megan Lovell, Gateway President's Opportunity & Ann and William Hittman

Wilmont Union High School

Bella Coxon President's Opportunity

Kelsey Schumacher – Gateway to Success

Racine County

Burlington High School

Corinne Graham -- Gateway President's Opportunity

J.I Case High School

Valerie Port Gateway President's Opportunity

Lillyana Pietsch – Gateway to Success

Daniel Winter – Gateway to Success

St. Catherine High School

Emiliano Leal

William Horlick High School

Daylena Buckhanan-Valentine -- Gateway President's Opportunity

Karl McNeil – Gateway to Success

Union Grove High School

Ruby Fonk – President's Opportunity

Walden III High School

Trenton Hooper – President's Opportunity

Washington Park High School

Ashton McGillivray – President's Opportunity

Waterford High School

Brooke Weber – Gateway President's Opportunity Scholarship

Walworth County

Badger High School

Zachary Bauman -- Gateway President's Opportunity

East Troy High School

Zachary Klodd -- Gateway President's Opportunity

Elkhorn Area High School

Nathalyn Gonzalez -- Gateway President's Opportunity

Beau Hanson – Gateway to Success

Other

Riley Leveque Gateway to Success

Hala Pufahl Gateway to Success

Hanna Schaefer Gateway to Success

Thanks to a grant to the Wisconsin Technical College System to the College, \$8423 has been granted to a total of 18 students for rent and utilities.

The 29th Annual Foundation Scramble "Golf with a Goal" took place on Thursday, May 25, 2023, at Hawks View Golf Course in Lake Geneva. While we are still calculating the final results, we are pleased to share with you we had 141 golfers registered this year.

The Foundation's Facebook currently has 746 followers. Its Twitter following has grown to 94 followers.

The Alumni Association's following on Instagram has grown to 75. Its LinkedIn following has grown to 284.

Marketing

It has been a great end to Spring with the department helping organize and support the many program completion ceremonies, Adult High School / GED graduation as well as the college's commencement. All great opportunities to recognize students and the impact of the college in the community.

Commencement [Tuesday photos](#) & [Wednesday photos](#) Commencement [video](#)
[GED/HSED ceremony photos](#)

Fall semester enrollment marketing efforts are beginning including development of billboards, print, and digital ads to promote our Open House events in mid-July. The Fall Semester all postal mailing has been sent to print and will be delivered to home in early July. We're also busy working to continue to connect with recent high school graduates as they finalize their plans for fall.

WGTD

Although we call our format "NPR News & Classical Music," WGTD (91.1-Kenosha/Racine; 101.7-Elkhorn & 103.3-Lake Geneva) offers 10 hours of jazz each week from network sources and from our local volunteer-hosts. That's in addition to our all-jazz channel (24/7 Jazz HD2) that's available online and over the air via HD radio wherever 91.1 is heard. Our local hosts include Mike Kehoe, John Nickelsen, Joe Mooney, Davey Moe and Dave Overby. Programs produced by the retired Sam Chell and the late Tim Bell can also be heard. Ask your smart speaker to play "WGTD from Tune-In" or "WGTD HD2 from Tune-In."

FINANCE, ADMINISTRATION & FACILITIES

Welcome Student Accounts!

Student Accounts will become a member of the Business Office department effective July 1, 2023. The Business Office team welcomes the members of the Student Accounts department and we look forward to the continued collaboration of both teams. Together, we work effectively to provide the best customer service for our students and the Gateway community!

FY 2023 - 2024 Budget Update

College leadership is proud to present a final preliminary FY 2023-24 Budget. As we continue to navigate through these challenging times, leadership will continue to monitor this budget very closely and prioritize resources to ensure alignment with our strategic plan. Once approved, the budget will be forwarded to the WTCS by June 30, 2023. Thank you to everyone who put a tremendous effort into this year's process.

Purchasing Self-Service

Throughout the month of June Budget Managers and their designees will be trained on the new Purchasing Self-Service module. Purchasing Self-Service provides many conveniences and efficiencies compared to our current purchasing process and will help Budget Managers and their staff track purchases and budget balances in “real-time”. All Budget Managers are scheduled to be trained by June 30 and fully transitioned by the start of the new fiscal year.

FY 2022-2023 Audit Update

Gateway's interim audit is scheduled for the week of June 12th. The audit team will be remote again this year. The staff is busy preparing for year end.

Grants Update

Jane Nikolai and Cheri Gutteridge are preparing the preliminary Single Audit schedules for the interim audit. Jane Nikolai has created the Permanent Employees List of grant funded individuals for FY24. Also, she is reviewing Gateway Technical College Grants Manual for any updates.

Safety and Security

Mr. Dwight Davis recently became a “Redhawk” joining Gateway Technical College in May as the Director, Safety and Security. Dwight's office is located in the Administration Center, Kenosha Campus. His contact information is (262) 564-2812; email: [dwightda@gtc.edu](mailto:dwrightda@gtc.edu). Welcome, Dwight!

The Security team is currently working with a consultant to ensure we are in compliance with the Clery Act. Campus Security Authorities (CSA's) have been identified and all are in the process of completing the required yearly compliance training.

Gateway has also partnered with US Compliance to assess our safety protocols. Many program areas as well as the facilities team have been evaluated and best practices have been communicated. Procedures and checklists are being developed to ensure continued compliance.

There are also 2 tabletop exercises planned in the coming months with staff to ensure preparedness in the case of a critical emergency.

College-wide fire drill exercises were recently conducted. Drill reviews were conducted which presented opportunities to develop more efficient practices. Fire drills will be conducted on a regular basis.

Facilities

Construction continues on the Elkhorn Campus North Building Expansion, the Elkhorn Campus North Building Roof Replacement and the Elkhorn Campus North Building Site Improvement projects. Footings are being poured for the expansion and the pleasant weather has allowed the roofers to get ahead of schedule. The Racine Campus Roof repair project is also ahead of schedule. The corridor from the Technical Building to the Racine Building reopened a month ahead of schedule. The Kenosha Campus Horizon Center Office Remodel has started.

TALENT AND CULTURE

Talent and Culture continues to actively participate in additional education and training to keep up with the fast pace of the employment landscape. Selina Bohn and Heather Halbach attended the monthly SRKA meeting on “What the Heck is up with Compensation”. The speaker talked about current trends in compensation, inflation, workforce, and total rewards. They learned of unique ideas related to figuring compensation and total rewards that add to the overall employment package.

Jessica Johnson and Jacqueline Morris attended NCORE - the National Conference on Race & Ethnicity from May 30 - June 3rd with a group of employees and students to learn more about various topics and trends surrounding race and ethnicity, particularly in higher education.

Talent and Culture continues to improve current processes and update them as needed. Magan presented to Dean’s Council on behalf of John Frost and from that has been setting up meetings with Deans, Associate Dean’s and Associates relative to ACA and checking adjunct hours prior to the creation of LOE’s.

Talent and Culture devotes time to supporting the college through workgroups and innovations. Heather Halbach joined the Employee Learning Day Workshop Planning Committee. The Committee will review the requested topics, reach out to vendors, and schedule the workshops for the afternoon events of the day.

Magan Perez and Jessica Johnson volunteered at recent graduation ceremonies. They attend to support and celebrate the accomplishments of our students.

Open Enrollment closed on May 12th and Magan worked to process new enrollments into the new LegalShield Benefit and worked to ensure updates based on elections were made correctly and sent to the applicable vendors (UMR and Delta).

Jessica Johnson joined the Juneteenth Planning Committee and is serving as a volunteer work on celebration activities for June 19th and 20th.

INSTITUTIONAL EFFECTIVENESS

A number of team members from Institutional Effectiveness volunteered to help at commencement this year. John encouraged them to see the excitement of our graduates and their families because they work behind the scenes and don't get to see how their work pays off.

John has begun to work with Matt Janisin to transition the institutional effectiveness team and its projects to his supervision. The team is eager to ensure it continues to serve the college through this transition.

Pathways and Program Effectiveness (May 2023)

The new program approval application for the proposed Respiratory Therapy associate degree has been submitted to WTCS for review at the 7/11/23 WTCS

Board meeting. During an ad hoc advisory committee meeting on 5/10/23, local employers eagerly endorsed the new program and provided support of the proposed program curriculum. Upon approval, program components will be finalized in summer 2023 so recruitment efforts can begin ahead of the fall 2024 program launch.

Several existing articulation agreements with UW-Parkside were renewed in May 2023, showcasing our collaborative partnership and commitment to providing enhanced pathways to a bachelor's degree for Gateway students. Agreements were renewed for Supply Chain Management, Accounting, Business Management, and Marketing, each transferring to multiple degree options at UW-Parkside.

Institutional Research

The Office of Institutional Research has published the [2023 Comprehensive Local Needs Assessment](#) (CLNA), which outlines data related to workforce needs vs. academic programming, employee hiring/retention, and student success indicators. Gateway conducts this needs assessment every two years, as required by WTCS. This provides a comprehensive source of data surrounding student needs and areas we can improve as a college.

Grants Office

The Grants Office is working with the School of Protective and Human Services to apply for a Traffic Safety School grant from WTCS. Through this grant project, Gateway Technical College joins the other 16 WTCS colleges on a mission to update the curriculum that is currently being offered through the Group Dynamics course offered through the State's Traffic Safety Schools.

The Grants Office is leading a professional development subcommittee at the state level. As a part of the President's Statewide Grants Association (PSGA) meetings, professional learning needs were assessed and a plan has been developed for offering professional development sessions at future meetings. Additionally, the Grants Office has accessed a number of professional development sessions from the Grant Professionals Association (GPA) on a wide range of grant-related topics, including the federal funding landscape for 2023, writing a successful needs section, identifying strong data that can strengthen an application, program evaluation, and federal grant management.

Employee Learning

Please join Employee Learning in congratulating this year's Gateway to Leadership graduates: Tanha Doherty, Danyanna Dunn, Crystalle Hughes, Gaby Iribarren, Brenda Lovrien, Dakota Nehls, Jeannine Volbright, Rachel Westrum, and Saad Yousuf.

Gateway to Leadership is designed to give those not in a formal leadership position the skills to lead from the position they are in and contribute to a culture of leadership at the college. As one participant stated:

"I grew up believing that people were born with innate abilities - born artists, writers, athletes, or leaders. Gateway to Leadership has shown me that leadership can be

learned and has provided a clear and precise path to obtain the needed skill set.” – Brenda Lovrien

After 8 years, Gateway to Leadership will be taking the 2023-24 academic year to review its programming with the goal of coming back stronger in August 2024.

LEARNING INNOVATION DIVISION

Information Systems

The export of data for Follett has been expanded to support the pilot of Follett providing books to the students electronically.

Colleague Self Service and WebAPI have been upgraded to versions of 2.38.1 and 1.38.1 respectively. These updates are how Ellucian delivers bug fixes and additional functionality. This upgrade was also required to handle updates needed for Financial Aid.

The WTCS Client data is the first set of data being added to EAB’s Edify (which is intended to be Gateway’s data warehouse). Currently, 4 of the 9 record types are being reviewed by IR for accuracy.

The implementation of Ellucian’s Self Service Procurement continues. Once implemented it will allow requisitions and attachments to be submitted via Self Service.

Ellucian’s Self Service Time and Leave Entry is now being implemented. This will allow Gateway to eliminate an external software product and eliminate some complications.

Information Technology

The Zoom phone migration preparations have continued to move forward nicely (identifying phases for the rollout, e911 details, temporarily bridging the two systems, etc). This month we’ll begin assigning hardware, completing our system bridge, and begin the rollout. This will involve assigning temporary numbers to folks site by site and forwarding their Gateway number. This will allow us to move folks over in batches before porting all our DIDs to Zoom during the last phase of the project.

Communications have begun for the Google Drive file migration. This is an exciting project that will allow us to offer enhanced flexibility with reduced complexity in our file share offerings to our staff and faculty. This project is one of several that help build a foundation for the college to become “cloud first” in the future.

We are in the early phase of evaluating a shift in our single sign on and app delivery portal to Microsoft Azure. The goal of this project is to better leverage existing services with an eye on reduced costs in the future without sacrificing security and functionality.

A big thanks to Anthony Humes and Damon Menzie for successfully completing a complete migration of our virtual server infrastructure to new hardware with no

unplanned disruption to services! This was a thoroughly planned and well-executed project. Great job!

End User Computing and Distance Learning Technologies

The multimedia team has begun installing front of room cameras in classrooms to allow faculty-initiated recording of classes and to facilitate hybrid classes. Our plan is to install these cameras in all classrooms to add to the multimedia capabilities in the rooms. Zoom will be used by instructors to utilize these cameras.

The endpoint team has been reprovisioning laptop carts throughout the district to our new standard. Additionally, the team has begun packaging applications for the Fall semester.

The campus techs continue to support our classrooms and events happening on campus. We have begun using the new Neat Bars for Board meetings and installing them in other locations such as conference rooms and meeting spaces. We have had several compliments on these devices and how well they work for Zoom meetings.

We just received another 150 laptops for student distribution. We are preparing them now to be sent to the libraries for student use.

ENROLLMENT

Summer 2023 enrollment is positive 8.2%. Fall registration has begun with many enrollment events scheduled throughout the summer. Fall enrollment is currently positive 4.3%. Year-to-date 2023-24 academic year is +7.0% FTE with an additional 630 students enrolled compared to this time last year.

STUDENT SERVICES & ENROLLMENT MANAGEMENT

Admissions

The Admissions team had a busy month in May processing documents (625+) and applications for the start of the Summer Semester. The Admissions processed 2,523 total applications and supporting documents for Summer semester.

522 applications submitted in the one month prior to the start of Summer Semester (April 8th-May 8th). This represents approximately 21% of all applications submitted for Summer semester.

80% of the applications submitted in the one month prior to the start of the semester completed the entire admission process during this time frame as well.

262 applications were priority processed for the Summer Semester as they were submitted on or after the start of the semester started.

Academic Advising

Academic Advisors have been diligently working on Academic Plans for the incoming Fall 2023 class. Some of the target groups we are working through at the moment are our Promise lists, STEM lists, and students who are registered for the

Red Hawk Ready Orientations. Peer Advisors continue to make outreach calls, they have their own dashboard to call students who have not registered for Fall 2023.

Many Advisors (12) also participated in WACADA (Wisconsin Academic Advising Association) Professional Development. Advisors also wrapped up a year of curriculum meetings and assisted faculty with their Student Plans for next year.

Advisors also continue to send proactive messages that are intentional and critical in timing to support their students' needs.

New Student Specialist (NSS)

Throughout May, the NSS team wrapped things up with their high schools, helping students with their summer CNA applications and registrations, reminding students of the Promise program deadlines and preparing the graduating seniors for their new programs with us this fall. On campus, the team hosted several Get Ready application workshops - both in person and online as well as scheduled one on one appointments in their offices for interested students. The team helped organize and host several events on campus including the big Transportation Day at the Horizon Center (where over 725 students visited and toured the facility), a Fire/EMT dual program event on the Racine campus, the REAL School orientation, the RUSD Academy showcases over several nights at the Racine campus, the High School Academy graduation ceremony, and the annual Sumo Bot competition where over 200 middle school and high school students participated at the iMET Center. They also provided campus and center tours for individual families and for groups from Bradford High School and the D120 program at Mundelein High School. Out in the community, the team also participated in events like the WATDA Transportation Career Showcase, the SC Johnson Waxdale Employer Fair and the Women In Need event in Racine.

Financial Aid

During the month of May, the financial aid office reviewed 108 financial aid Student Academic Progress (SAP) Appeals. This was an increase from the same time last year. 365 student's financial aid was packaged for the 2023-24 academic year.

Student Finance Specialists (SFS)

For the month of May, event requests for the 2024-25 Free Application for Federal Student Aid (FAFSA) have begun coming in from the high schools. An All Student Finance Event was held on the Kenosha Campus.

High School Partnerships

The 2023-2024 VANguard Schedule is being finalized. Almost all of our VANguard Partners have received their schedules for next year. At this time, we have approximately 500 students signed up to take VANguard classes for the 2023-2024 school year. VANguard Technical Assistance Agreements will go out next week for the 2023-2024 school year. The Agreements will go out to 12 high schools.

BUSINESS & WORKFORCE SOLUTIONS

Gateway Industrial Design Fab Lab

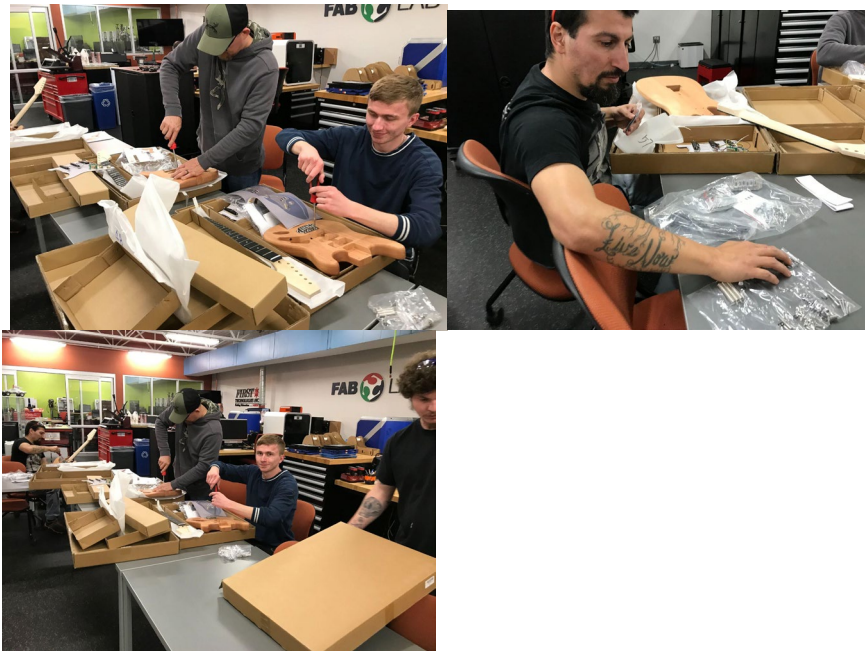


KTEC High School Certifications

The Fab Lab assisted KTEC High School in finalizing its NC3 Certifications this month. Overall there were 524 certifications issued in Hand Tool Identification, Digital Multimeter, FESTO Introduction to Mechatronics, Starrett Precision Measurement Instruments 1-6, Tormach CNC Router and Dremel 3D Printing. As KTEC HS finishes its first year, we look forward to collaboration as KTEC HS scales up next year.

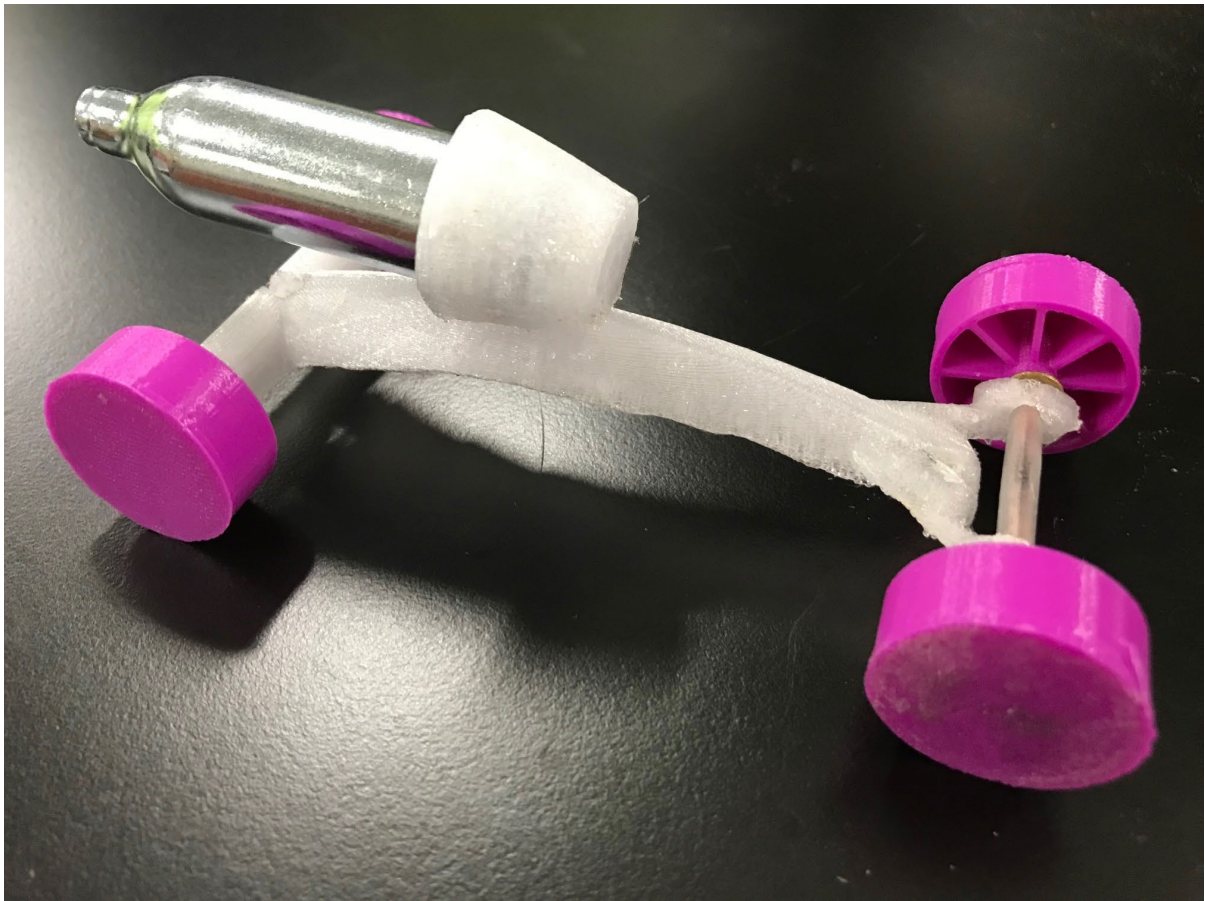
Tool and Die Apprenticeship

Apprentices continued their exploration of digital fabrication and its application in manufacturing as they finished their guitar builds. Each apprentice was responsible for customizing the bodies and completing finish work before learning proper set up and intonation of the guitar.



4-H Stem Exploration

This month Fab Lab conducted its remake of the classic engineering CO2 Car Challenge for Racine Area 4-H. Instead of carving from wood, kids use Tinkercad to design their models and then 3D print the cars they will race. This gives participants hands-on practical experience in engineering their cars for minimal mass and a streamlined body.



4-H typically holds workshops in RC cars, but has been expanding out this year to provide its members with Science/STEM related experiences in advanced manufacturing and digital design, an important step as they move closer to being Gateway students.

Wadewitz

Fab Lab wound down activities with the fifth grade class this year with a final CAD session. We learned a lot and have a good start for next year on developing a program of Maker Oriented STEAM implementation, along with a Culture of Excellence initiatives for emerging Middle Schools as they develop their program and spaces. We determined three areas of focus. The first is defining specific digital literacy, to determine appropriate grade levels for deploying projects and technology. Next is assisting educators in folding these practices into their regular curriculum, and the final is developing student empowerment in crafting their school's culture while encouraging personal academic integrity.

Sumo Bot

May is the Month for Sumo Bot! This annual robotics competition is a celebrated Gateway Engineering Tech Wing tradition. Thirty two teams, comprising approximately 150 participants converged on the S.C. Johnson iMET Center to compete in a Dexterity exercise, a timed Slalom Speed challenge, and Sumo, where opponents attempt to push their competitor's robot from the ring.



This year's competition did not disappoint. Fab Lab assisted with robot check in/storage, oversight for repair and maintenance, and assistance in judging the SumoBot competition. The Fab Lab also designed and cut the gate used in the

timed Slalom Speed event. The lights, siren, sensors and display were designed and programmed by EET instructor Brett Blasiman.

Tri County Latino Economic Unsummit

Gateway Industrial Design Fab Lab spoke to local entrepreneurs about technology in Kenosha's annual Tri-County Unsummit. Unsummit provides Latino Entrepreneurs with resources and networking options. Fab Lab talked about available manufacturing technology and prototyping, and training possibilities in the area.

Tri-County Latino Economic Unsummit
Racine, Kenosha & Walworth

SUSTAINABILITY & INNOVATION

May 5th, 2023
8AM - 2PM
Stella Hotel
In Kenosha
5706 8th Avenue,
Kenosha, WI 53240

Scan to register!



Want to impact the economic ecosystem for Latinos in Wisconsin? Attend the 5th annual Latino Economic Unsummit where corporate, government entities, and non-profit industry leaders will connect with Latino/Latina entrepreneurs and the community, to gain a better understanding of their needs and share resources that will help their business opportunities.

Our Sponsors:



Learn, Connect & Grow!

For more information:
(414) 235-5534
brandi@latinochambersew.org
www.latinochambersew.org/sustain-and-innovate

\$25 ticket includes breakfast, materials, and lunch.



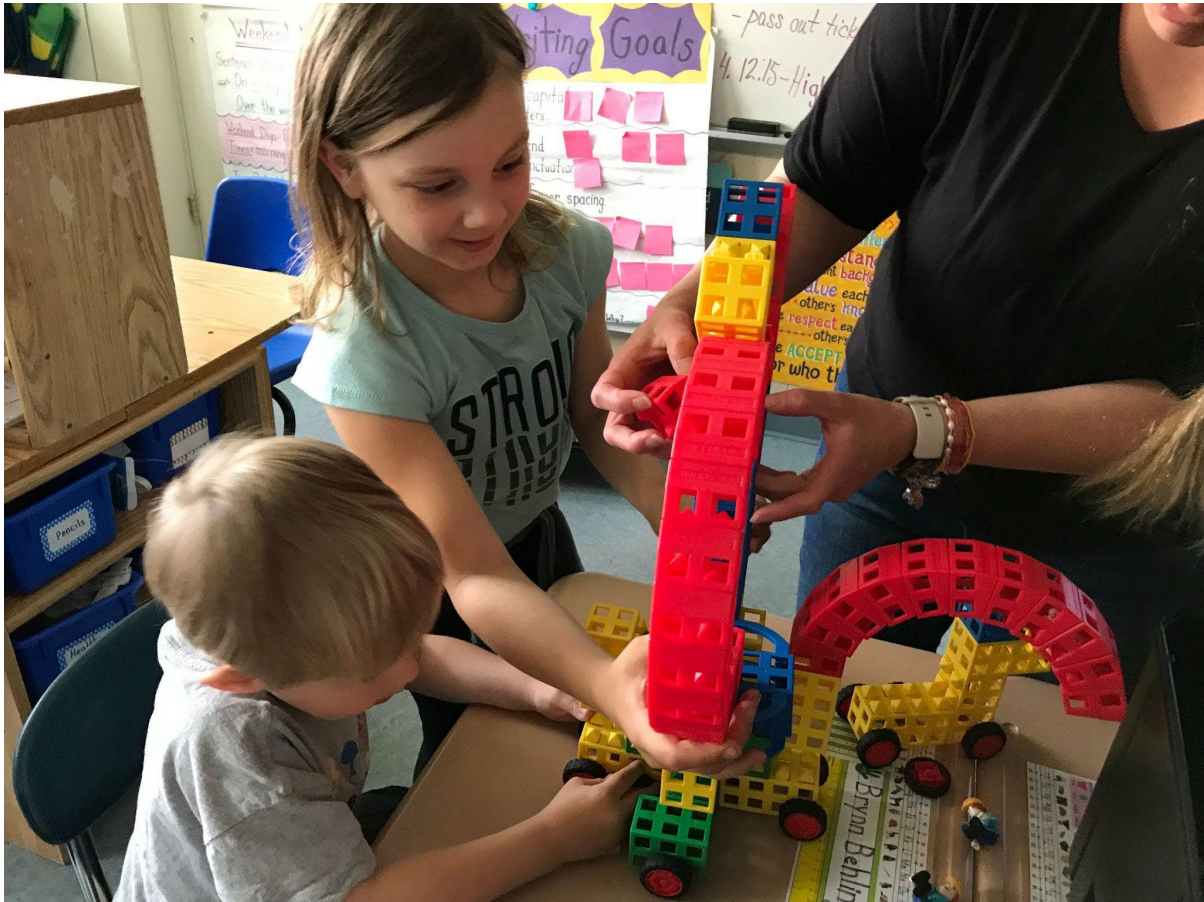
Vetric Aspire Workshop

Fab Lab held a CAD/CAM workshop highlighting Vetric's Aspire software used in CNC routing. Participants learned basic drawing and manipulation of shapes, node editing and transforming shapes. Next they generated projects through toolpathing, to carve on a ShopBot CNC router. Sergeant William "Chip" Ostenburg III was there, and the Lab had an opportunity to finalize the relief carve for the historic sailing ship, "Bill of Rights." Chip will be transporting the carved relief model to San Diego next week for the final post processing and mounting on the ship. He has been working on this project on and off for eight years, and Gateway Industrial Design Fab Lab was proud to provide him with training, assist with the modeling and the final carve. The Lab also has a standing invitation to visit and sail on the ship. Can't wait!



Raymond Elementary School High Interest Day

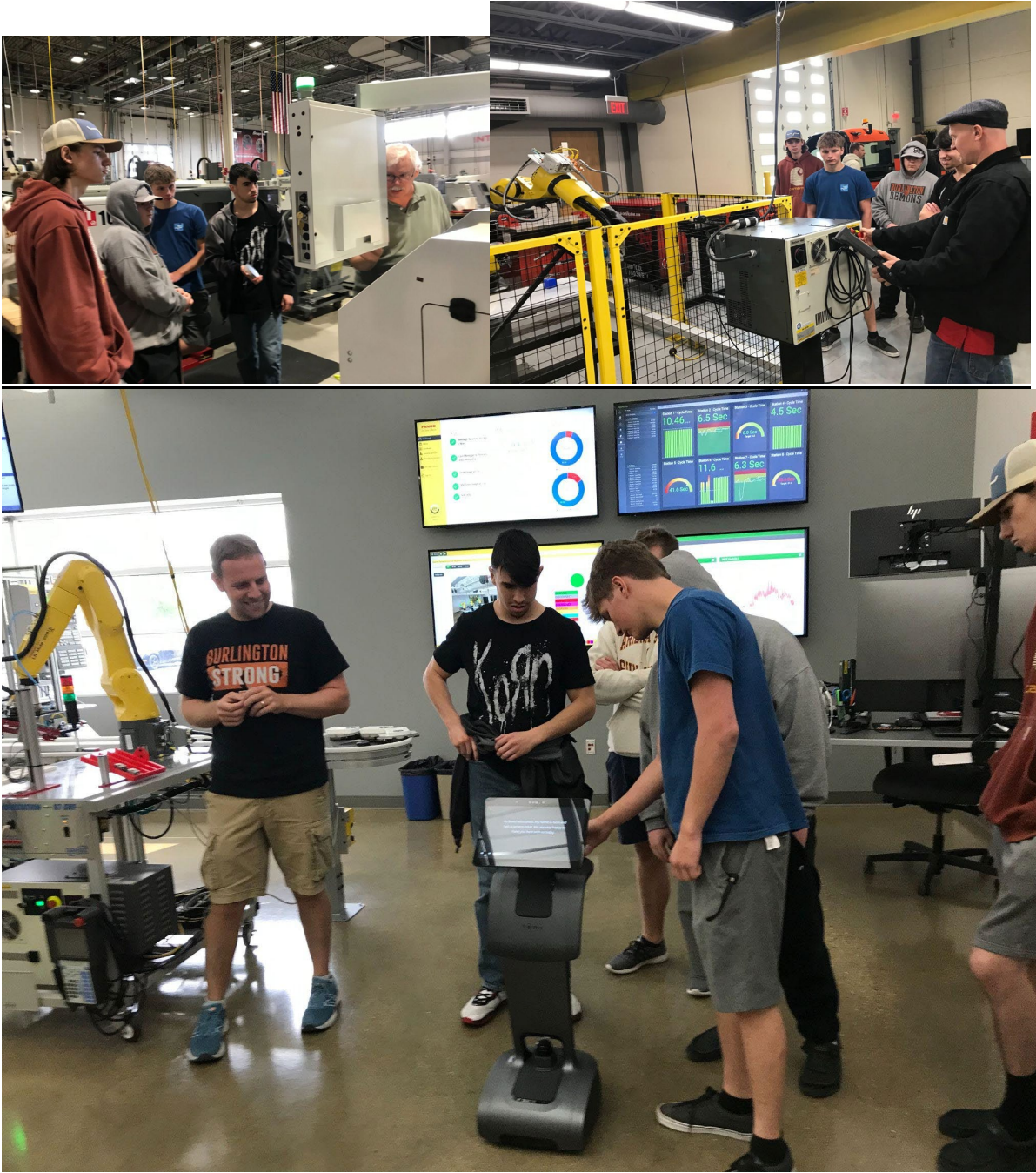
Gateway Industrial Design Fab Lab participated in Raymond School's High Interest Day. The school takes a day to present its students with a variety of different sessions, from making pizza to working with animals. Fab Lab had an opportunity to do outreach at the Pre-K level. Two sessions of kids used our "Kids Lab" STEAM kits to do the "Tree House Build" challenge. Students work in teams to build a standard base of a tree, then customize the build to create the ultimate tree house. This exercise is an excellent example of "Kids Labs" Convergent/Divergent approach to Integrated Learning. Students all converge on the base portion then diverge as they customize. Sessions like these are an excellent opportunity to expose students to engineering concepts at the earliest levels. The Lab plans to do several events oriented at this Pre-K level.



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Burlington High School

Five students from Burlington HS interested in Engineering and Advanced Manufacturing visited the Lab, toured iMET, and had an opportunity for hands-on activities in 3D printing, CNC, robotics and Virtual reality.



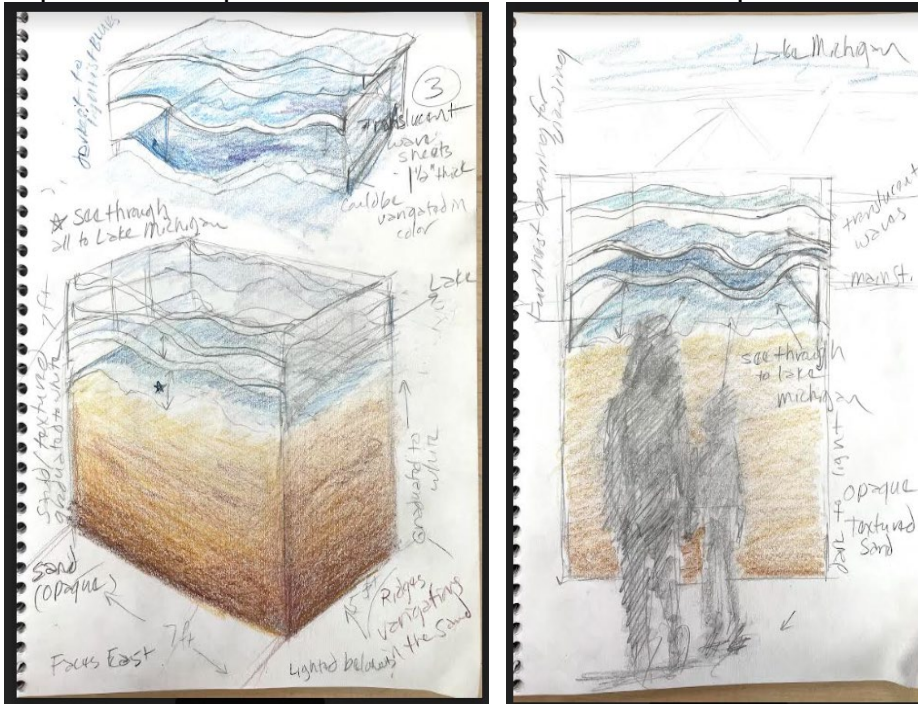
Greenfield High School

Fab Lab assisted Greenfield High School, this month with CNC. Instructor Gretta Balzewski, had the Fab Lab visit to help with some machine issues and CAD demonstrations. The Lab helped students troubleshoot designs and carve projects, after which we talked with students about the endless possibilities and amazing careers when crossing over into the realm of advanced manufacturing and computer assisted CNC.

Spectrum School for the Arts

Spectrum School for the Arts, along with the City of Racine, and Gateway Industrial Design Fab Lab is presenting a proposal for a public art project. Denise Zingg of

Spectrum has envisioned a project simulating different unique experiences of our region. The first simulates beach and water, and will consist of a large rectangular base with translucent sections of resin or polycarbonate, to represent waves mounted over the top. The Lab will assist with the welded structure, and help formulate a way to procure and heat form the individual sheets. If successful, we hope the concept will evolve into an entire series of public art.



International Education in The Fab Lab

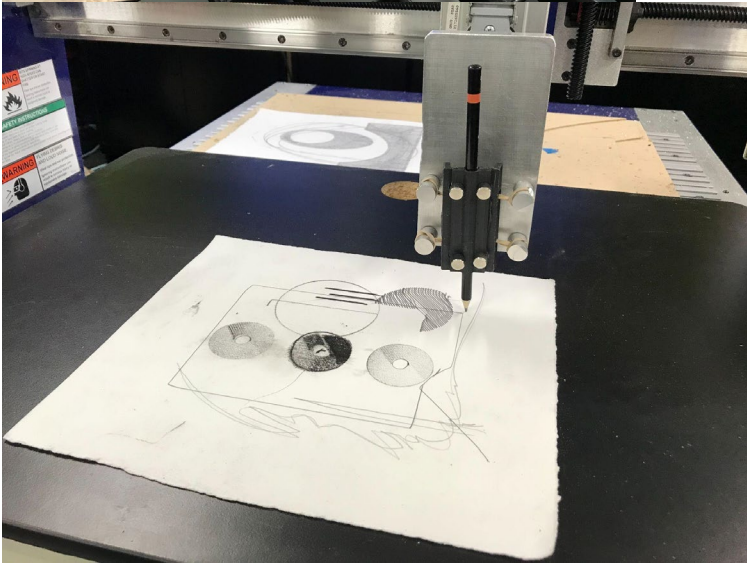
Through Gateway's International Education program, six Scottish foreign exchange students from New College Lanarkshire near Glasgow Scotland chose the Fab Lab for their educational assignment. These students got a real taste of day to day activities as they assisted in high school outreach, observed different groups utilizing the Lab for projects, activities, and class instruction. They also had a chance to experience basic core components of the Fab Lab fully immersed in American culture. Over the course of two weeks they developed projects, designed models, met with various instructors in Civil Engineering, Architecture, Mechanical Design, Automation and played with robots and manufacturing machines. Gateway provided them with an excellent opportunity to compare engineering programs at all levels. While here they used 3D printing, laser engraving, desktop CNC, Soldering and vinyl cutting, as they designed and made various projects. They even got to experience welding.



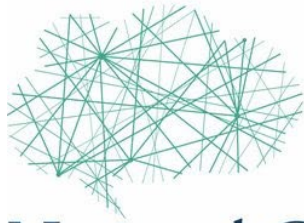
We look forward to seeing them accomplish much in the future. The Scottish Exchange Students are also next month's guests on Fab Lab 10:00AM Radio show.

Projects in the Lab

Some of the projects in the Lab this month were, engraving on a rifle stock, design and cutting a custom cutting board, and of course guitar building.



Here is a digital drawing tool developed for use with Harley Davidson's "Day of STEAM" Look forward to more on this partnership next month.



NCORE[®]

National Conference on Race & Ethnicity
The UNIVERSITY of OKLAHOMA OUTREACH

NEW ORLEANS

MAY 30 – JUNE 3

Gateway Technical College proudly had 20 staff and 9 students attend the 2023 National Conference on Race and Ethnicity (NCORE) hosted in New Orleans. NCORE is committed to fostering an atmosphere that encourages inclusion and belonging along with the free expression and exchange of ideas.





Office of Equal Opportunity and Civil Rights

In fall of 2022, Gateway began partnering with community organizations (Career Coaches and Lakeside Curative) that contract with the Wisconsin Division of Vocational Rehabilitation (DVR) to provide temporary work experiences for adults with disabilities. The TWEs are paid by DVR and Gateway incurs no cost from the partnership. The purpose of the program is two fold: provide employment skills experience for consumers and create a potential employment pipeline for Gateway. Gateway has placed individuals in food service, administrative, and student support roles. One such person is David “DJ” Courtney who worked in the cafe on the Racine campus. David, with the assistance of his job coach and cafe employee Nicole Habel, excelled and learned many skills he can bring to his future career.



Veteran Support Services

Veteran Support Specialist continues serving the needs of students and connecting with area veteran organizations. Connected with UW Parkside Office of Multicultural Student Affairs and Veteran organization to assist transferring Gateway graduates. Participated in the Kenosha Veterans Fair at the Moose Lodge. Continued Meeting with Kenosha Area Multicultural Organization on various projects that will benefit veterans students. Veteran staff Supported Veteran students at Commencement by presenting veteran cords.

