



The Artisan Report

Preparation • Passion • Perseverance

January 4, 2019

Career and Vocational Principal Report.....

The Automotive Program recently went through its 5-Year recertification review with National Automotive Technicians Education Foundation (NATEF) / Automotive Service Excellence (ASE) representatives. The three representatives reviewed all aspects of the automotive program reviewing safety protocols, hand and power tools, curriculum, and the overall cleanliness and arrangement of the shop. The program received very positive post inspection feedback as we await the final report and recertification from NATEF/ASE. Team representatives were very pleased with the complete reorganization and restructuring of the shop, including the overhaul of the curriculum between the four different grade levels that include specific automotive tasks completed at each grade level to meet the CVTE Frameworks. They were extremely pleased to see all of the new updated equipment throughout the shop such as the Hunter Alignment System & Rack, Hunter Tire Changer, Hunter Tire Balancer and the dedicated area for training students on electrical diagnostics of hybrid electrical vehicles that run off of high voltage batteries. To compliment this area, Toyota of Dartmouth donated a fully functioning Hybrid Toyota Prius vehicle for students to be trained on. This past year has seen a significant investment in the automotive program which will only serve in helping teachers better prepare our students in becoming future automotive technicians.



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Business Technology

The Business Technology students hosted a successful sale and fundraiser in the month of December. The GNB Trading Post was open extended holiday hours to accommodate in house and public gift-giving purchases. Business Technology students were able to practice and utilize their sales, marketing, operational, and management skills. The students also partnered with the Holiday Helpers organization and offered gift wrapping for a fee to donate to local families in need. The Business Technology students are looking forward to the upcoming Business Professionals of America and Junior Achievement Titan Challenge competitions at the start of this New Year.

Collision Technology

The collision repair program is moving forward in a bright and positive way! With numerous cycles of Exploratory Freshman rotating through and combined with our new curriculum project and use of real spray guns, it seems to be quite a hit. The students seem to enjoy learning and operating the new spray guns while working on their projects and with the introduction of the new SIMS virtual reality spray system it has created a realistic environment for student to understand the dynamics of what it's like to spray a vehicle. This system provides our exploratory freshman a more realistic view and feel of what it is like to be in an actual paint booth spraying a vehicle or parts with the feel of an industry standard spray gun in their hands.



Freshman Exploratory Project



Students suited up for Virtual Spraying

Exploratory freshman and permanent freshman will benefit from the experience of a cleaner and dust free booth environment. Both prep booths are now completely enclosed with new industry standard GOFF's Curtain Wall System. The installation of the new curtain system will serve to benefit all grade levels that will allow two booths to be used simultaneously and at the same time minimizing the vast majority of dust flowing into the shop.



Spray Booth Prep Area with new Goff's Curtain Wall System

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The collision technology program has also upgraded all of the welders replacing them with new Miller-Matic MIG Welders, with fully operational welding stations. Working collaboratively, teachers have begun to develop a curriculum reflecting the full spectrum of the I-CAR Welding Course that will eventually allow students to become certified in the I-CAR Welding for Industry Standards. Sophomores will begin their training to be followed up with additional training in their junior year. Freshman curriculum will be revamped to include a more vigorous training of safety practices, basics in metal straightening, and much needed training covering industry soft skills, which will be covered more extensively in each of the following grade levels.

Currently the Collision Technology Program has 30% of the seniors out on CO-OP with the hopes to have additional students out on co-op in the near future. We also have a few more student in the process of interviews as this report is being published. Lastly, teachers are working towards having students tested to determine those students eligible to join The Adventure of the Skills Competition. At this time, there are six students that may be eligible. With the many changes that began last year and more noticeably this year, currently six students have expressed a strong interest with continuing their careers in the collision technology repair industry.

Cosmetology

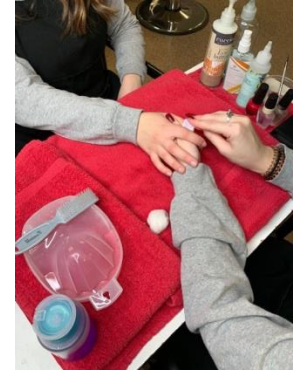
Mrs. Ross and the senior cosmetology students have been working diligently in preparation for their MA State Board Exams. Students have been preparing their cosmetology bags, prepping materials, fine tuning their practical competency skills, and reviewing their related classroom materials for the written exam. Prior to the actual exam, a Mock State Board Exam will be administered on January 15th and 17th. The Mock Exam is administered to all senior students to ensure they are competent with both the practical (hands on) and written portions of the tests they will take. Students are tested utilizing the same framework, criterion, and grading scale as the actual Board of Registration of Cosmetology and Barbering exam uses. This helps prepare students so they are well versed and helps remove some of the apprehensions associated with such examinations. Students must pass their written portion with a minimum of a 75 and their practical exam with a minimum of an 80, in order to obtain their Cosmetology licenses. Over the past eight years, 181 of our senior students have all passed their state exams, with the exception of five students, who took their exams after graduating and passed, allowing students to acquire their Cosmetology licenses to a potentially lucrative career.



Student Performing a Volume Blow Dry



Practicing Braiding



Practicing Manicure

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Diesel Technology

The Diesel Service Program is happy to report that two former graduates from last year have been offered free of charge additional comprehensive training from their current employers, Fairhaven shipyards and Hyundai/Ford of New Bedford.

Zach English, who is employed by Fairhaven Shipyards, will be attending Northern Lights Generator School, in Florida. Founded in 1958, Northern Lights is a leading manufacturer of marine diesel generators and propulsion engines that are utilized in many of New Bedford's fishing fleets. The company's products are distributed through a global sales and service network over 350 strong and in more than 40 countries worldwide, with unparalleled factory service and support. Zach will be trained to assist in choosing and maintaining the products that Northern Lights manufactures and distributes. Fairhaven Shipyards will be paying for Zach's tuition, room and board, and his salary while he is attending the program.

Josh Crus, who is employed by Hyundai/Ford of New Bedford, has completely paid off all of his student loans from attending Universal Technical Institute. UTI is the leading provider of training for students preparing for careers as professional automotive, diesel, collision repair, motorcycle, marine, CNC machining and welding technicians. Hyundai / Ford of New Bedford is sending Josh back to school for additional highly specialized diesel training. Josh has attributed this to the quality foundational training he received while at GNB Voc-Tech in the Diesel Program. We are very proud of Zach and Josh as they continue to set the standard of what we expect of our students when they graduate from the Diesel Program and are serious about following their trade. Congratulations to the both of them!!

Fashion Design Technology

In December, past graduate Kaylee Pereira came in to talk to the seniors about her first semester at the Fashion Institute of Technology, (FIT). **Kaylee is spending her freshmen year in Italy, which is an exclusive program for only a select few students.** Kaylee showed projects that she completed, which included mood boards and trend spotting. She explained how she has seen many art museums in Italy and how artwork can be used as inspiration in the fashion design industry. She also showed students pictures of her travels and talked about her time she spent in Paris as one of her side trip in exploring fashion designs during her semester in Italy. She credits the firm foundation she received from the GNB Voc-Tech Fashion Design Program in helping her get to where she is today. Kaylee encouraged students to follow their passion if they truly want to become designers because it really can become a possibility. It was an eye opening and inspiring presentation for the senior students, which help further cement their commitment to the fashion design industry.

Juniors and seniors in the Fashion Design department are continuing to build their skills in many areas. In shop, both juniors and seniors are working on tailoring projects that promote proper fit and quality construction. Mood boards and visual displays also accompany each project to demonstrate the "concept to completion" aspect



Mood Board



Concept to Completion

required of designers in the fashion industry. In the junior related course of Textile Science, students are obtaining a background in proper fabric selection and fabric care, which are extremely important when choosing fabrics for each garment project. Below are two mood boards that were completed by two senior students. Mood boards are used in the fashion industry to display what the inspiration is for a particular project.

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IT / Program & Web Development



Microsoft Office Specialist Exams (MOS)

Students majoring in Information Support Services and Programming and Web Development have been preparing for their Microsoft Office Specialist Exams (MOS) in Word, Excel, PowerPoint and Access in one of their related classes.

MOS Certification demonstrates a person's competency and helps with both job placement and advancement. Hiring a MOS specialist reduces the amount of training needed to bring new employees up to speed and contributes to the overall level of organizational effectiveness.

The Microsoft Office Specialist (MOS) program helps employers take the guesswork out of the hiring and promoting process, by establishing a standard benchmark for assessing and identifying a skilled employee.

SkillsUSA Fall Leadership

Sophomore Amanda Albino from ISS will be joining Ron Quintin, along with three other advisors, and nineteen other sophomores and freshmen for the SkillsUSA Fall Leadership.

Business Professionals of America Fall Leadership

Senior ISS students and Business Professionals of America Chapter Officers Chloe Silva and William Charpentier, participated at the 2018 BPA Fall Leadership Conference. All GNBVT BPA Chapter Officers discussed new and ongoing BPA initiatives and received Sway Training by Microsoft.

Cybersecurity Dual Enrollment

The MassHire Workforce Boards in partnership with Bristol Community College have selected two ISS students for a free dual enrollment Certificate in Cybersecurity and paid summer work experience. Over 100 applicants applied to fill 25 seats to participate in the amazing opportunity.

Bears Care

On December 20, 2018, our Business Professionals of America Chapter Officers spread some holiday cheer by participated in a community service project, called Bears Care. The Bears Care project allowed students to distribute over 500 stuffed bears to the New Bedford and Fairhaven Police Departments, Department Children and Families, Child and Family Services, Scarlett Rainho's "Better Person Club", Fun107/WBSM1420, Boston's Children Hospital, Pediatrics Unit at Hawthorne Medical and Pediatrics Unit at St. Luke's Hospital. The Bears Care project will help comfort children and bring smiles to their faces over this holiday season and beyond.

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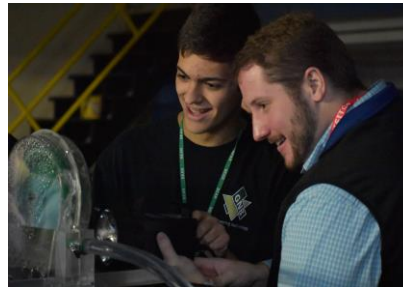
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Towards the end of 2018, students from **Engineering, Stationary Engineering, and Media Technology** participated in an event focusing on the impact of STEM in our community. Classes met in the student forum, where Brian Braginton-Smith, executive director of the Lewis Bay Research Center, gave a presentation on the benefits of offshore windmill production. The presentation introduced the theme for the day's activities: methods to increase energy efficiency. Students were broken up into four groups to visit four stations. Volunteers from several organizations would teach students about the construction and positive effects of energy efficiency technology.

This STEM event taught GNBVT engineering and media technology students about the growing importance of energy efficiency. Students and staff are grateful for the volunteers that shared their knowledge on windmill and energy efficiency.

The teachers could see firsthand the engagement the students had with the presenters. They could also observe as the demonstrations made important educational connections between the physics, electrical theory and geometry that our students learn in their academic classes. Making these connections for the students is important as it validates the theories they learn, and spark renewed interest in their future engineering studies.

The college student presenters were applauded for their scientific knowledge, and their ability to convey scientific principles to our high school students in an exciting and age-appropriate manner. The nature of their interactions provided a sense of confidence and positivity in our students and we are very appreciative of that. In addition, this collaborative endeavor helped to somewhat demystify the unknown world of a university for our seniors, many of whom aspire to attend UMD in the fall of 2019.



Two of the students who are enrolled in the **Machine Technology/Advanced Manufacturing** adult day program have been hired by manufacturing firms and 3 others have interviewed this past week. The great news is that there is the potential for five of the adult learners to be employed in the field before the actual completion date of the program.

Media Technology teacher Jennifer Gaspar was the District winner of the Smart/Maher VFW National Citizenship Teacher of the Year Award. As the district winner she is in the running for the State Teacher of the Year award. Here is how it works. Based on the nominees submitted, VFW local chapters, called Posts, will recognize one outstanding teacher in grades K-5, 6-8 and 9-12. Posts then submit these winners' names and required documents to their District-level judging, who will forward their winners to the Department (or state) level. After judging, each Department then forwards the names of its winners to VFW National Headquarters for consideration in the national awards contest

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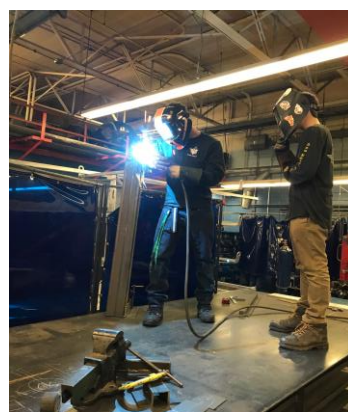
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Sophomore Media Skills student, Madison Alves entered the Young Writers' *Stranger Sagas* contest. The contest provided writing prompts that students could use to write a 100 word story and submit to the *Stranger Sagas* contest and anthology. We are happy to say that, out of 13,500 entries, sophomore Media Technology student Madison Alves had her story accepted for the anthology. She is now in the running for the contest, which will be announced in April.

Whether she wins the prizes or not, her work will be featured in the anthology, which the school will get a copy of. We are very proud of Madison and hope this will inspire other young writers in Media Tech and the rest of the school to put their work out there.

On the last day the sophomore **Welding Technology** students attended shop, prior to Holiday break a skills competition was held known in the trades as a "Skills Rodeo". The students welded on (6) metal tiles as they progressed through simulations that a tradesman would encounter in the field. The six stations included a rocking staging board, left and right hand work, under stairs overhead work, and welding on a ladder.

The excitement was contagious; the students are looking forward to the spring competition which will be a Flux Core rodeo.



Academic Principal Report.....

The Math Dept., in conjunction with the After-School Support Program, launched another voluntary, ten week Math MCAS 2.0 afterschool program for freshmen and sophomore students. The program is servicing approximately 80 students with great attendance results approaching 85% each week. This is the third year we have run such a program. The goal is to improve mathematical skills for students by creating a self-paced learning module which will allow students to progress upon obtaining content mastery. Students will also practice technology-embedded questions similar to what they will see with the new computer-based MCAS 2.0 exam this spring.

Kaitlyn Rodrigues attended an MSAA workshop titled – *Working in Classrooms with students with Neurological and Emotional Disorders* – on November 26th in Franklin, MA. The workshop offered strategies to support students with emotional/behavioral challenges in the classroom. For many students neurological and/or emotional disorders prevent optimum learning. By understanding these “road blocks” and how we can help students overcome them will result in higher levels of success.

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On October 10th and 11th, Matt Mitchell attended a two-day follow up workshop for AP teachers that attended the weeklong AP Summit this past summer. The focus of the workshop was to explore and ultimately implement effective strategies for delivering AP Statistics instruction. This is the third year we have offered AP Statistics as part of our Math program. Currently, there are thirty-seven students enrolled in AP Statistics. Mr. Mitchell has also been selected to the pool of candidates that will participate as an AP Reader. Advanced Placement Readers evaluate and score AP students' free responses, ensuring that high school students receive AP grades that accurately reflect college-level achievement in a specified discipline. Each year in June, high school teachers and college faculty from around the world gather across the United States to participate in locations onsite, as well as to score online from home.

Development of the 2019 Mock MCAS test is underway and is scheduled for April 2019. This year's Mock exam will be computer based in attempt to mirror the experience students will have on this year's computer-based MCAS 2.0 exam. We are proud of the efforts of the Math Department as their hard work and dedication has propelled the district scores to all-time highs *for both achievement and growth* – including impressive results across all subgroups.

Six Members of the Social Studies Department attended a Paul Cuffe professional development workshop at the New Bedford Whaling Museum. Paul Cuffe was a local whaler, navigator, businessman, entrepreneur and social/political activist in New Bedford during the 1700s. He has been described as the nation's most prominent man of color during his lifetime and became one of the wealthiest men of color in the nation, rising to national repute, and even becoming one of the first men of color to have a formal meeting with a sitting U.S. President (New Bedford Whaling Museum). On November 29, 2018 six members of the Greater New Bedford Voc-Tech Social Studies Department participated in the Paul Cuffe: A Man Ahead of His Time workshop. Sarah Blanchette, Sarah Hartley, Tim McCarthy, Olivia Rego, Ryan Sylvia and Mark Waters explored the New Bedford Whaling Museum's newest exhibit "Paul Cuffe" His Work, Vision, and Living Legacy", which explores and highlights the life and legacy of Captain Paul Cuffe. Department members viewed a brief film about the history and life of Paul Cuffe and then participated in a presentation by the creator of the exhibit, allowing insight into the design and development of the exhibit as well as an inside look at the motivations and goals of the program for residents and student groups. The program provided a tour of the exhibit and materials and resources on Paul Cuffe and his life and impact on the New Bedford community. Members of the department hope to work further with the Museum and curator to bring the life of Paul Cuffe to the students of Greater New Bedford Voc-Tech.

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