The Grovetown High School Career, Technical and Agricultural Education Department had a great last month of the first semester.

During December, rising 9th graders (Class of 2020) toured the school to view our CTAE, Fine Arts, and Physical Education classes. Grovetown Middle School and Columbia Middle School participated in the event, and combined sent close to 500 students to participate in the tours.

Many of our CTAE students did very well on their first semester exams, including our advanced students who later this year will be taking their End of Pathway Assessments. Grovetown had numerous pathways last year with successful EOPA pass rates, and we look to continue that trend.

The new semester started with our current students experiencing the registration process. We look forward to a strong group of introductory students registering for their advanced classes in their chosen pathway. We know because of great students, great teachers, and great relationships with the community our CTAE programs will continue to flourish.

I would like to personally thank everyone for their continued support of the Grovetown High School CTAE Department.

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Cosmetology
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The month of December, intro students continued demonstrating manicures.

Advanced students learned how to demonstrate the proper procedures for applying one and two Monomer Liquid and Polymer Powder Nail Enhancements. Students also described the apex, stress area, sidewall, and where they are located on the nail enhancement.

Skills competency safety infection control was evaluated for practical skills such as, pre-service, service, and post-service assessment for both intro & advanced students.

Calendar: Upcoming Warrior Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>2/5/16</td>
<td>Progress Reports</td>
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<tr>
<td>2/15-2/16</td>
<td>Holiday Break</td>
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<tr>
<td>2/27/16</td>
<td>Miss GTHS Pageant</td>
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<tr>
<td>2/28/16</td>
<td>HOSA State Competition</td>
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Automotive “ROAD WARRIORS”

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This month the “Road Warriors” of Grovetown High School automotive department are busy gaining knowledge in Hydraulic Brake Systems, and Electrical / Electronic Diagnosis. Each of the classes are experiencing how to work on live shop vehicles to master each of these curricula areas. The SkillsUSA team members are working diligently to prepare their skills for region competitions. They will compete in Automotive service Technologies, Job skill Demonstrations, Brakes, and Electrical/Ignition system technology. We hope to achieve top positions and transfer onto the State conference to compete there as well.

Audio-Video Technology and Film

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The Audio/Technology and Film (AVTF) III Advanced Block class has been working hard on learning how to produce their daily newscast known as WGTH Warrior News. In addition, they have begun their research of key concepts so they can present this information to their peers. These students are creating PowerPoint slides, study guides, and videos for their major in-class presentation. This activity is being done to ensure that these students are ready for the End of Pathway Assessment test which will be given April 21st. Also, both groups of advanced students are learning about “Lenses” and how they function.

AVTF I (Introduction) students are using the textbook by Casinghino to learn about “Inventions and Origins” of film. Students have been learning about how photography and film evolved and the various aspects of movie industries. Students will begin their study of “Microphones.” Students are currently creating short motion film and learning to write a script.
Culinary Arts
Lora Hydrick
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Introduction to Culinary Arts
Since we have returned second semester, our beginning culinary students have been studying cooking methods, using both dry and moist heat. The students will practice their skills by making Chicken Parmesan. Future units of study this semester include eggs and dairy products, fruits and vegetables, meat and poultry and baked goods.

Culinary Arts 2
Congratulations to the following culinary students who successfully passed their food safety exam and earned the nationally recognized ServSafe® Certification!

L to R: Jada Bennett, Mckenzie Webb, Juan Jose Rodriguez, Jordan Tildon, Rachel Kmiecik, Mikaeyla Pettis, Nia Stevenson

Army JROTC
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The JROTC Department continues to have great success as we start the second half of our school year. Our Drill team continues to practice each day and is working hard towards their goal of becoming state champions. The next competition will be on January 23, 2016 in Jefferson, GA.

We held a large promotion ceremony this month and promoted many of our cadets to levels of increased responsibility. This was a great opportunity for us to acknowledge the hard work that they had done not only for our JROTC Department, but for our school and the community as well.

We held our Junior and Senior cadet of the quarter board and the competition was fierce. Bryan Thibeaux was selected as the Junior cadet of the quarter and Devin Osborne was selected as the Senior cadet of the quarter. Go Warriors!
Law and Public Safety
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Introduction to Law and Public Safety
Students in the Intro to Law program will begin the 8 week Community Emergency Response Training (CERT) Program. CERT educates students about disaster preparedness for hazards that may impact their home or community and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. Using training learned in the classroom and during exercises, CERT volunteers can assist others in their community following a disaster when professional responders are not immediately available to help. CERT volunteers are also encouraged to support emergency response agencies by taking an active role in emergency preparedness projects.

Forensics/Criminal Investigations
Students in the block class schedule are just beginning the Forensics/Criminal Investigations class. They will review crime scene procedures and types of evidence over the next few weeks. Students will begin to work crime scenes as they progress through the evidence gathering/interpretation phases of crime scene investigation.

Students in the advanced Forensics/Criminal Investigations class are learning how to interpret tool marks, bite marks, tire impressions, and how to identify the suspect based on these types of evidence. They are combining the knowledge learned in earlier lessons to investigate complicated crime scenes and identify the suspect.

Metals
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In the Metals shop our first year students have just completed the NCCER module on power tools and are working on construction drawings. Our advanced students have been working on oxy-fuel cutting, plasma arc cutting, and carbon arc gouging units in the classroom. In the shop they finished open root flat bevels on 3/8 inch plate and are now working on horizontal bevels.

We are also preparing for our region competition at Fall Line Technical College this Friday, January 22. We will have one welder and a four man fabrication team competing for a chance to go to the state competition in March. We are in need of help to fund these trips. Our budget does not account for travel and expenses for these competitions. If you would like to help support our welders at the region and state competition, please let us know. No donation would be too small and we would be sure to applaud your donation on our web page for all to see. The region and state competitions are a great way for our students to show what they are capable of.

We are also looking for opportunities to involve local businesses in our program. Young people want and need to know what real working environments are like, especially in construction, manufacturing, and workshop settings. If you or your company would like to come to the school and share your experiences with our students it would be greatly appreciated. We would also like to visit you. If you have the time and the ability to arrange for us to visit your worksite please let us know.
Graphic Design
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Graphic Design students are researching Graphic Design Careers and are using an Infographic to display their findings. They are using CS6 Adobe Photoshop and InDesign to design their Infographic. Students had the opportunity to explore career and college options during GTHS College Week. Students were able to speak with representatives from colleges about their careers.

The Graphic Design yearbook staff are busy designing and completing pages for the 2015-2016 GTHS Legends Volume 7. The theme for the 2015-2016 yearbook is Time Flies. Along with the yearbook students are designing and printing the CTAE newsletter, flyers, posters, invitations, or any other media print.

Engineering & Technology
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The Engineer Foundation students completed a Robot Arm project using the Design Process. Students were given a problem, a scenario with criteria and constraints. Students worked with a partner to complete a working robot arm to pick up a Styrofoam cup with materials given. The brainstorming seemed to be the easiest part and the redesigning with modifications seemed to be the most difficult. Students used their critical thinking soft skill to complete the project.

Third year students are working with AutoCAD 3D Max Design and have started to review for the NOC-TI end of the year pathway test that will be administered in April.
Healthcare Science
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Grovetown Healthcare Science is moving forward leading the way! Healthcare Science classes will begin preparing for a cross curricular disaster drill with Public Law and Safety classes. The students will be providing first aid and CPR to simulated disaster victims.

Clinical classes have begun their hospital rotations at Eisenhower Army Medical Center. We are excited about our partnership and look forward to the upcoming educational experiences provided by this partnership.

HOSA members are preparing for the upcoming HOSA Leadership Conference to be held on Feb 28th through March 1st in Atlanta. They will be competing in different medical areas and representing Grovetown Warriors!

Business and Computer Science
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We continue to make yard signs, vinyl letters and banners in the advanced business class. Our class can also do large quantity print jobs (black/white and color). Contact us to see if we can be of service to you.

Financial Literacy students have begun to work on Dave Ramsey High School curriculum.

The Introduction to Business and Technology classes is beginning to study business organization and management.

The business program is always looking for guest speakers. If you are interested, please let me know.
Cybersecurity
George Dukes
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Students enrolled in the Intro to Digital Technology class closed out last semester with a complete desktop computer build. Students learned to build desktop computers and troubleshoot computer related issues. We covered hardware peripherals, such as motherboards, CPUs, power supplies, hard drives and Blu-Ray/DVD drives and different software that included Operating Systems such as Windows 7,8,10, Mac OS, and Linux Ubuntu.

The Cyber Security program is new to GTHS this year, we are looking to take field trips and welcome guest speakers as well.

Short Stacks for Big Change

Thank you, Chris Green, manager of FATE Cafe for supporting Grovetown High School!

All career and technical education programs follow the system’s policies of nondiscrimination on the basis of race, color, religion, national origin, sex, age, and disability in all programs, services, activities, and employment. In addition, arrangements can be made to ensure that the lack of English language proficiency is not a barrier to admission or participation.

Newsletter designed by Jason Golubski GTHS Graphic Design student.