The Grovetown CTAE department has enjoyed a wonderful winter! Our Skills Team was Region 6A Champion with many individual first place wins. Our Explorer’s team did a fantastic job in Gatlinburg, Tennessee. As the only high school team to compete among numerous professional groups, GTHS earned a magnificent fifth place overall rank! GTHS HOSA students led the way with eight students ranking in the top 50 in the state for the qualifying round, a fantastic showing! The Grovetown JROTC program received the highest rating possible on their accreditation inspection this month, earning the title of Honor Unit with Distinction.

CTAE Warriors are currently gearing up for End of Pathway Assessments (EOPAs). EOPAs are state and national assessments that measure students’ competency in their pathway and can provide industry certifications. Our students will be prepared to demonstrate all they have learned in their programs, Leading the Way with the EOPAs!

As always, thank you for your continued support of the Grovetown CTAE Department. Please let us know if there are ways we can serve you!

**Calendar: Upcoming Warrior Events**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>3/9 - 3/10</td>
<td>HOSA Competition</td>
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<tr>
<td>3/23 - 3/25</td>
<td>SkillsUSA Competition in Atlanta</td>
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In the metals shop, our first year students have finished all of the NCCER Core modules in the classroom. These modules include: Construction Safety, Construction Math, Hand Tools, Power Tools, Construction Drawings, Basic Rigging, Communication Skills, Employability Skills, and Materials Handling. We are now moving back into the shop to learn how to weld the five basic joints in the flat, horizontal, and vertical positions using the SMAW process.

Our advanced classes have just finished the NCCER Welding Level 1 modules. Those modules include: Welding Safety, Oxy-fuel Cutting, Plasma Arc Cutting, Carbon Arc Gouging, Base Metal Preparation, Weld Quality, SMAW Equipment and Set Up, SMAW Electrodes, SMAW Beads and Fillet Welds, Joint Fit-Up and Alignment, SMAW Groove Welds with Backing, SMAW Open V-Groove Welds. The students are now in the shop working on various projects and learning the GMAW and GTAW processes.

We are also looking for opportunities to involve 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 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.
Cybersecurity
George Dukes
gdukes@ccboe.net

Intro to Digital Technology
Students enrolled in the Intro to Digital Technology class installed Operating Systems that include Windows 10 and Linux Ubuntu. We also learned about troubleshooting motherboards, different computer towers, expansion cards and other hardware/software related issues.

Intro to Cybersecurity
Students enrolled in the Intro to Cybersecurity class learned to setup a local network and share files between two computers with and without using a network router. We are also in the process of setting up a virtual network using VMware.

The Cybersecurity program is in its 2nd year this year; we are looking for guest speakers to share career information with our students.

Mr. Britt was speaking to the students about working in the Cybersecurity field with daily tasks, work environment, and job functions.

Law and Public Safety
Tim Perry
timothy.perry@ccboe.net
706-447-2102 ext 4473

Introduction to Law and Public Safety
Students in the Intro to Law course are beginning a nine week course on Community Emergency Response (CERT) Team training. CERT educates students about disaster preparedness for hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. Upon completion of the training, students will participate in a mock disaster to utilize the skills learned in the classroom.

Forensics/Criminal Investigations
Students in the Forensics/Criminal Investigations class have begun learning how to investigate a crime scene properly. Students are learning to properly secure a crime scene, identify different types of evidence and package the evidence for evaluation by the crime lab. After completing their investigation of the crime scene, students will complete all paperwork necessary to present their findings to the District Attorney and testify to their findings in criminal court.

Jacob Edwards, Ethan Seckora, Jason Britt, Ariella Moring, Nanelix LaTorre, Garrison Ramsey

If you can provide assistance in either way, please contact me at gdukes@ccboe.net.
Culinary Arts
Lora Hydrick
lora.hydrick@ccboe.net
706-447-2102 ext 4468

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: Haley Hanson, Sarah McCaffrey, Jordan Blair, Valencia Biascoechea, Katie Jarriel

Army JROTC
MAJ Rodney Tyson
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706-447-2102 ext 4490
CSM William Conner
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706-447-2102 ext 4497
SFC Anthony Williams
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706-447-2102 ext 4497

The JROTC department is as busy as ever preparing for our accreditation evaluation which will takes place on March 1, 2017. This is an AdvaceEd evaluation that takes place every 3-5 years. The students have been working extremely hard and are looking forward to the opportunity to shine.

On February 3, 2017 we had our military ball at the Columbia County Convention Center in Grovetown. Our color guard and saber team performed at the event. We had 120 of our Warrior Battalion cadets attend the event and they all said that they had a great time. Prior to the students attending the event, they received classes on proper etiquette and chivalry. The military ball was an opportunity for them to apply some of the things that they learned in those classes. Haley Harris was crowned our 2017 Military Ball Queen, Tanya Reyes was the 1st runner up, and Shayla Simmons was the 2nd runner up.

Our drill team has picked up where they left off last year and they are working hard to repeat as state champions again this year. They have their region drill meet at Evans HS on March 4th so come out and support them if you can!
Cosmetology
Rita Angelisanti
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706-447-2102 ext 4469

February has been an exciting month for learning general principles of haircutting. Haircutting is built on variations of four different, but basic cuts. Students learned how to cut uniform layers, lab safety, proper use of implements, and materials.

Advance students completed their final touches on their hair coloring Activity project. This project involved using techniques in foiling. While highlighting hair, they practiced weaving, and slicing methods. Students learned that hair coloring follows the law of color, which is a system of understanding relationships of color. Students were able to demonstrate their understanding and show their creative talents in a variety of color approaches.

Using chemicals in the lab, students were reinforced the importance of following manufacturer’s instructions and safety guidelines. They demonstrated required skills to properly mix hair color and follow safety rules. Students also demonstrated attention to detail and implemented what they learned (using chemicals) in a safe manner.

Automotive “ROAD WARRIORS”
Kris Norris
kris.norris@ccboe.net
706-447-2102 ext 4471

The Grovetown High School automotive department students are developing their skills in HVAC service and diagnostics (2nd year class MLR), as well as Hydraulic Brake Systems (1st year class BMLR). The SkillsUSA students have trained and competed at the regional level which resulted in our Job Demonstration Presenter achieving a Silver medal for second place and transferring to the State competition in March. The Warrior Race Team have completed the new drive line build for our Saturn dirt track car and traveled to Screven Motor Speedway to compete in the Winter Freeze event there. Ninety cars showed up for event and only top forty three make the show. We came close, missing qualifying by .8 seconds. It was a great learning experience for us and the students, which will translate into proper and needed changes to our car to make future races.

Volume 8 Issue 3
Our CTAE department had the privilege in participating in the uprising ninth grader tours in January. Eighth grade students from Grovetown Middle and Columbia Middle school were able to see the amazing opportunities we have at Grovetown High School. Hayden Stoms represented Engineering and Technology program. He spoke in detail of the class and class projects.

The third year engineering class is preparing for their April EOPA (End of the Pathway Assessment). They are continually working on projects and AutoCad. We also added to our class a HICTOP 3D printer that the third year students are assembling. We are hoping to be printing soon.

Alex Gill (second year engineering student) and Rachael Cook (third year engineering student) will be competing in the SkillsUSA 3D Visualization and Animation in Atlanta.

Our warrior yearbook staff is 75% complete on the GTHS 2017 yearbook. The deadline is March 21st and the staff is working hard to meet the deadline. Esther Mote is preparing for the SkillsUSA Georgia Pin and T-shirt competition on Atlanta. We wish her well.

If you need assistance in designing or printing flyers, posters, or other graphics, the Warrior Graphic Design class would be glad to assist.
The Allied Health and Medicine Pathway students continue to be exposed to real world experiences as they rotate through the different sites during their clinical rotations at the hospital. The Introduction to Healthcare students continue to learn the required standards that will prepare and equip them with a foundation in Healthcare Science.

Introduction to Healthcare Science students have just completed an assignment regarding preparing an educational tool for the different life stages. The students are currently learning medical math as well as continuing to incorporate effective communication skills and employability skills.

Allied Health and Medicine students started their clinical rotations at Eisenhower Amy Medical Center (EAMC) in January 2017. Our students have experienced many opportunities to learn and grow as future healthcare providers. We continue to be grateful for the community partnership GTHS has with EAMC.

HOSA will be attending the HOSA State Leadership Conference competitions in Atlanta on March 9-11, 2017. The students are excited to compete in medical competitions with other HOSA members in the state. There will be over 4,000 HOSA members at the competitions this year. Congratulations to the HOSA members that placed as one of the top 50 in the state in their competitions during the qualifying testing in January.

In Sports Medicine/Allied, we are learning about the Hip. Students explored the individual structures of the Hip and Thigh including their functions. Next, we learned how to evaluate the different motions of the Hip including flexion, extension, abduction, adduction, internal rotation, and external rotation. Students learned how to perform Active, Passive, and Resistive range of motion for each. To illustrate this knowledge, students divided into groups to create a skill check sheet and video for each motion. I am excited to see their creativity!

We are halfway through our second clinical rotation of the spring semester. We have one more rotation before spring break, which will be the last for this group. It is exciting to see how much they have grown through this opportunity!
Audio-Video Technology & Film
Scott Plunk
scott.plunk@ccboe.net

It’s an amazing time to be an Audio/Video Technology & Film student at Grovetown High School as we just completed the first daylong, live streaming event in school history! During the live streaming of the Black History Program, student crews rotated regularly all day long as students acted as the “director” while others got all the action on high-definition, professional cameras LIVE! The Audio/Video Technology & Film II students are continuing to expand creatively and technically each and every week as the Warrior Update and News shows explore and exhibit the endless great things occurring in Warrior country. Preparation for the End of Pathway Assessment continues to be a focal point as well for our advanced students! The Audio/Video Technology & Film I students have been learning about professional scriptwriting techniques and expectations while crafting their own scripts utilizing proper formatting at all times. The fundamentals of lighting in television and film production have been learned through interactive work stations involving the usage of various basic lighting setups as well as more creative, dramatic lighting techniques! Recently, the students from each individual class period lit, shot, and edited their own short film simply named Dan’s Visit -- each student had the same footage but were required to create his or her own creative and professional vision of the movie itself. Spring sports have begun, and as has been the case in the fall and winter, Warrior coverage of these events will be done by student crews throughout the remainder of the school year!

Ryan Daudelin filming Jazz entertainment from Miss GTHS Pageant.

Business and Computer Science
Deborah Ward
deborah.ward@ccboe.net
706-447-2102 ext 4415

We continue to make yard signs, vinyl letters and banners. 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 are covering budgeting and saving in the Dave Ramsey High School series.

The Introduction to Business and Technology classes researched and presented a favorite entrepreneur.

Accounting 1 students are learning how to journalize purchases and cash payments.

The business program is always looking for guest speakers. If you are interested, please let me know.
Miss GTHS Pageant

The CTAE department had the privilege of hosting the 2017 Miss GTHS Pageant. The pageant raises funds for scholarships awarded to GTHS CTAE seniors planning to attend a post-secondary institution and majoring in one of the related vocational fields. Miss GTHS, Bailey Watkins, received a $250 scholarship.

GTHS also had the honor of Jay Jefferies as the Master of Ceremonies
Miss GTHS: Bailey Watkins
1st runner up: Shelby Jennings
Miss Teen: Sarah Walsh

From left to right
Sarah Walsh, Kailen Nelson, Shelby Jennings, Hadley Goodman, Sequoya Stokes, Hannah Sherrill, Bailey Watkins, Shayla Simmons

Jay Jefferies, Master of Ceremonies, Bailey Watkins, Miss GTHS

SkillsUSA Champions

Law & Public Safety
Crime Scene Investigation - Taylor Morris, Cailin Little, Selena Dixon - 1st Place
Extemporaneous Speaking - Arianna Laboy - 2nd
Job Interview - Ellana Seay - 1st
First Aid/CPR - Cierra Williams - 3rd
Job Skills Demonstration Open - Quinn Shelt - 2nd
Academic Quiz Bowl - Lauren Durden, Rebecca Conner, Patricia Andrews, Rebekah Elizondo, Kiara Nogueras, Emma Kate Shelt - 2nd

Cosmetology
Cosmetology - Emily Cliatt - 2nd
Esthetics - Honestly Sheppard - 1st

Automotive
Job Demonstration “A” - Noah Fields - 2nd

Welding
Welding Fabrication - Sam Turbovsky, Adrian Barbosa, Taylor Youngblood, Sean Davis - 1st
Welding - Josh Magnum - 3rd

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.

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