Grovetown CTAE

CTAE Administrator
Sean Petro
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The Grovetown High School CTAE Department is having an amazing second semester. We are preparing for our End of Pathway Assessments (EOPAs), which are scheduled from mid-April to mid-May. These assessments provide an opportunity for our students to show what they have learned in their upper-level CTAE courses. Grovetown High School has a successful track record of students performing well on these assessments. These assessments are very important, and we look forward to our students having another successful year passing their EOPAs. In addition to our EOPAs, our students will be competing in their state competitions very soon, and that is another chance for our students to show their skills. Thank you for your continued support.

Cosmetology
Rita Angelisanti
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Intro students implemented the use of 45, 90, and 180 degree angles while performing haircuts.

Advance students were assigned a variety of lab tasks, which included establishing proper application in relaxers, roller placement, pedicuring, manicuring, acrylics and hair coloring. These skills were demonstrated on clients and manikins.

Several Cosmetology students are preparing for state competition. Competition will be held in Atlanta, GA at the Commerce Center.

Calendar: Upcoming Warrior Events

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<td>Early Release</td>
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<td>3/17-3/19</td>
<td>SkillsUSA GA SL Conference</td>
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<td>4/2-4/11</td>
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Cybersecurity
George Dukes
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Students enrolled in the Intro to Digital Technology class have completed the Hardware and Software chapters and have moved on to Basic Computer Networking. Students have learned about different types of routers, switches and hubs. Students have also learned about the different types of Ethernet cables, Domain Names, and Bluetooth technology. Students are able to identify SSID's and configure/secure their routers on their home network.

The Cyber Security program welcomes any guest speakers that would like to share information about the importance of Cyber Security with our students.

Audio-Video Technology and Film
Dr. Diane Specht
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The Audio/Video Technology & Film I (Intro) class has been working hard designing and conducting their weekly newscast called WGTH Warrior News. These students are learning about proper shooting techniques and how to make effective news packages. Additionally, AVTF I students are learning about picture compositions, shoot angles, various ways to present a news story. Next, they will begin their learning about the various types of script. The advanced (AVTF III) students have begun their review of key concepts to ensure they are ready for the End-of-the-Pathway test which will be given the last 9 weeks of school. Currently, advanced students are learning about lighting techniques and will begin reviewing connectors.

SkillsUSA members are heading to Atlanta for the SkillsUSA State Leadership conference on March 17, 18, and 19th. They have been working hard perfecting their competition skills.

Culinary Arts
Lora Hydrick
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Introduction to Culinary
The Introduction to Culinary students have been learning about the starches in cooking, including potatoes, and various grains such as rice and pasta. Our labs included shrimp fried rice and making fettuccine with a homemade Alfredo sauce!

Culinary II
Speaking of pasta, our Culinary II students are also studying their unit on pasta, potatoes and grains. They were able to make their fettuccine from scratch!

FFCLA
FFCLA (Family, Career and Community Leaders of America) had a busy month with fundraising activities surrounding Valentine’s Day. With the help of our culinary students, we made and sold heart-shaped sugar cookies, as well as red velvet and chocolate cupcakes.

Army JROTC
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CSM William Conner
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SFC Anthony Williams
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The JROTC Department was very busy this month. On February 5, 2016 we held our 35th annual Columbia County Military Ball at the Gordon Club on Fort Gordon. We had about 500 cadets from the county at this event and the evening was full of tradition and fun. Samiah Leggett was crowned the military ball queen for the Warrior battalion.

Our Drill team continues to practice each day and is working hard towards their goal of becoming state champions. They are having an awesome season and won over 60 awards in competitions so far! We will compete in 11 categories at the region drill meet at Evans High School on 3/5/16 and the top 2 teams in each category will advance to the state championship on 3/19/16 in Griffin, Ga. SFC Williams is doing a tremendous job as the coach of the drill team and they are truly living up to our school motto, Warriors Lead the Way!
**Introduction to Law and Public Safety**

Students in the Intro to Law program are completing the 8 week Community Emergency Response Training (CERT) Program. Students will complete the 8 week training program by conducting a mock disaster drill in which a school bus overturns with 35 students on board. Students will have to conduct triage, move students to treatment areas and conduct first aid to all victims. Upon completion of CERT training, students will move into Constitutional Law and will participate in a Moot Court review of a landmark Supreme Court case.

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**Forensics/Criminal Investigations**

Students in the advanced Forensics/Criminal Investigations class are learning how to analyze blood spatter patterns in crime scenes. Because blood behaves according to certain scientific principles, students can examine the blood evidence left behind [and draw conclusions as to how the blood may have been shed]. From what may appear to be a random distribution of bloodstains at a crime scene, students can categorize the stains by gathering information from spatter patterns, transfers, voids, and other marks that assist in recreating the sequence of events that occurred after bloodshed. This form of physical evidence requires the student to recognize and interpret patterns to determine how those patterns were created.

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**Engineering & Technology**

First year students are displaying their teamwork, critical thinking, and problem solving skills while working on their roller coaster project. They are also exploring AutoDesk Mudbox.

Second year students are exploring prototype development by choosing their own projects. Their choices include: hovercrafts, rockets, floating cities, Vex Robotics, catapults, and Raspberry Pi. They are displaying their soft skills as well as implementing the Engineering Design Process.

Third year Engineer students are preparing for their NOCTI (National Occupational Competency Testing Institute) Engineering exam. They are reviewing the competencies and skills in the following categories: Engineering, social, environmental and ethics, design process/problem solving, tools, measurements, and materials, engineering graphics, safety, engineering systems, teamwork, relationships, and interpersonal relations.

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**Graphic Design**

Students are learning the elements and principles of design to be able to design page layouts. They are identifying and demonstrating the basic principles to include unity, variety, proportion, scale, emphasis, contrast, balance, repetition and rhythm. Students are using Adobe software Photoshop and InDesign to display their Ad designs. Our class has added five Intous Pen and Touch small tablets to use along with Adobe CS6 for drawing, sketching, and developing student’s creativity.

The Graphic Design yearbook staff continue to work on GTHS Volume 7 yearbook to meet their March 18th deadline. Students would love the opportunity to design and print flyers, posters, invitations, or any other media print for your business or school.
Warriors Lead the Way!

Business and Computer Science
Deborah Ward
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This month we worked on projects for the Region Basketball Tournament. 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 are working on Dave Ramsey High School curriculum. They are currently learning about debt.

The Introduction to Business and Technology classes spent February learning about entrepreneurs and presented projects on their favorite entrepreneur.

The Business program is always looking for guest speakers. If you are interested, please let me know.

Metals
Michael Meyer
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In the Metals shop our first year students have just completed all of the NCCER modules for basic construction. These modules include: Construction Safety, Construction Math, Hand Tools, Power Tools, Construction Drawing, Basic Rigging, Employability Skills, Communication Skills, and Materials Handling. Now that we have finished our classroom curriculum for the year, our students are learning to weld using the shielded metal arc welding process. They have learned to strike an arc, and run stringer beads. They are now working on different types of weaves in the flat position.

Our advanced students just finished all of the NCCER Level 1 Welding Modules that include: Welding Safety, Oxy-fuel Cutting, Plasma Arc Gouging, Base Metal Preparation, Weld Quality, SMAW Setup, SMAW Electrodes, SMAW Beads and Fillet Welds, Joint Fit-up and Alignment, SMAW Groove Welds with Backing, and SMAW open V-Groove Welds. In the shop they finished open root bevels on 3/8 inch plate in the flat and horizontal positions. They are currently working on open root bevels in the vertical position and soon will be working on overhead bevels.

We competed in our region competition at Fall Line Technical College on January 22nd. We had a student finish second in the Welding competition, and our four person Welding Fabrication team finished first. They will compete at the state competition next month along with students that will be competing in the Metal Sculpting and Metal Working Display competitions. In all, we will have nine students competing at the State SkillsUSA Competition.

We would like to send a special thanks to the Association of Georgia Contractors and the East Augusta Workforce Alliance for their contribution of $500 to help support our travel to the state competition. Ms. Mary Helen Purcell (left) and Mr. Scott Clark (right) of RW Allen stopped by to deliver the $500 check to our students. We greatly appreciate their time and efforts to help support our students.

Healthcare Science
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The GTHS Healthcare Science Program is busy preparing for many events and programs in the days ahead. We are excited about our GTHS future healthcare professionals.

The Introduction to Healthcare class is preparing for a Mock Disaster Project in connection with Public Law and Safety. They are completing their training of First Aid and CPR for this upcoming event.

HOSA students will be competing in the upcoming Georgia State HOSA Competitions in Atlanta. HOSA also will be sponsoring our Spring Blood Drive coming up in April.

Financial Literacy students are working on Dave Ramsey High School curriculum. They are currently learning about debt.

The Introduction to Business and Technology classes spent February learning about entrepreneurs and presented projects on their favorite entrepreneur.

The Accounting 1 students are now learning how to complete a worksheet using Microsoft Excel which includes a trial balance, adjustment, income statement and balance sheet.

The business program is always looking for guest speakers. If you are interested, please let me know.
SkillsUSA Region Champions

Shelby Soares, Tizhana Bell, Quinn Shelt and Ellana Seay took 1st place in the Mock Trial Competition

Terrell Gibson and Destiny Gallagher

National Law Enforcement Explorer Competition Team

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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