



CTE: Career and Technical Education



Eastern Alamance High School

EXPECT SUCCESS!

Spring Semester 2015

Volume 1, Issue 3



Special points of interest:

Projects Carpentry students completed this semester:

- Box fans
- Oyster Tables
- Picnic tables
- Pie Safe
- Storage building

December CTE Student of the Month:

Caden Austin-Business
 Celina Gray-FACS
 Justin Charamut-ITIE



Reflection from 1st semester

- Did I meet my goals for first semester?
- Did I perform to my ability?
- Where do I need to improve to ensure greater success?
- What would you do differently if you took this class again?
- What was my greatest lesson learned this semester?



Registration is around the corner!!!!

Registration should be considered one of many significant decisions made each year of high school. The selection of courses is a major contributor to your success in high school. As a reminder.....Students who are enrolled in Career and Technical Education courses are more **engaged**, perform **better** and **graduate** at higher rates.

<http://www.acteonline.org/cte/#.VL6Bhk1OUeg>

How do you know how to choose the next Career and Technical Education course? **Talk** to a CTE teacher or the Career Development Coordinator!

CTE courses should be sequenced to benefit skill development and knowledge.

There are several courses that "fit" into different clusters and/or course pathways of interest. For example, Teen living, MSITA Word and PowerPoint, MSITA Excel and Access, Personal Finance, and CTE Internship, just to name a few, are courses that lead into many different pathways that set you on the road to success!

Here are a few examples:

Completed **Personal Finance**: The next course could be Accounting 1 which would begin the cluster in Finance. Or the next course could be Game art and Design, leading into the Arts. Audio/Video Technology and Communications cluster. Still not your cup of tea...consider Foods I in the Agriculture, Food and Natural Resource cluster.

Completed **Core and Sustainable**: The next course could be Carpentry I, Electrical I, Interior Design or Drafting 1 which would begin the cluster in Architecture and Construction.

Completed **MSITA Word/PowerPoint** : The next course could be Biomedical Technology, leading into the Health Science cluster. Or Introduction to Culinary Arts 1 or Sports and Entertainment Marketing I, leading onto the Hospitality and Tourism cluster.

These are just a few examples....to know more and choose courses with a purpose, see your CTE teacher and/or Career Development Coordinator (Mrs. Johnson) in A1.

Machining Courses are here in ABSS!!

ABSS, CTE and ACC have partnered this semester to offer classes in Machining due to the need of machinists. This course will be taught during 3rd and 4th period at ACC. Transportation is provided and books are

FREE. Students are already registered for this first opportunity. However, registration is around the corner! If you are a rising junior or senior, you will be able to register for this course for the 2015-2016 school year.

Talk with your Guidance counselor and/or Career Development Coordinator during registration for more details.



Interesting credentialing facts about Eastern Alamance High School CTE:

14 students credentialed in MSITA Word & PowerPoint

11 students credentialed in MSITA Excel & Access

3 students credentialed in MSITA Excel.

35 students credentialed in Core & Sustainable Construction.

28 students credentialed in Carpentry.

20 students credentialed in Electrical.

It's all about that hammer, that hammer and wiring! It's all about the **Introduction to Trade and Industrial Education!**

Students in **Drafting, Carpentry and Electrical** classes spent much of the fall semester planning and constructing a two-room house in their work area. Drafting students drew up architecture plans, Carpentry students built the frame and flooring and Electrical students wired the house. Talk about hands-on learning!!! Students in each area were able to apply learned concepts and skills in a real world situation.



FEBRUARY IS CTE MONTH!!!

Listen for announcements, ask CTE teachers about their experience, visit the Career Development Coordinator in A1, talk to your parents and other adults about their jobs, research jobs, etc.

DECA at Eastern Alamance!! EA—you know!!

Eastern Alamance DECA attended the 2014 MCEC DECA competition on December 3. The following students earned a proficient rating in their respective competitive category: Brandon Andrews, Ian Burns, Laura Countiss, Jordan Crabbe, Stephanie Galicia-Milla, Jaime Ibarra, Kati Schy, Lauren Kirby, Dan Murray and Andrew Slaughter. Laura Countiss earned a section winner award in Retail Management.

3D Printer in Drafting!!! How cool is that?

The **Drafting** Department has a new MakerBot Replicator 2 desktop 3D printer. The Engineering 2 and 3 classes utilized the printer by printing out their own designs. Students had to design and draw projects using the Inventor software. To highlight a few projects **Logan Stanley** and **Justin Charamut** designed a game, **Edwin Diaz** designed a mechanical ratchet and **Tyler Perry** designed a snowflake ornament. **Collin Trieskey** originally designed a part to repair his Rubik's Cube, later he designed the other pieces to make a complete working Rubik's Cube. The class designed support brackets and hubs for the filament spools to be mounted on the printer. The printer has also been used to

print out projects for other classes. One example a student printed out a mole for Chemistry class to celebrate "Mole Day". A working bicycle and a life size model of a brain has been printed as well as several phone cases and key chains. The printer has opened up a whole new avenue for visualizing student projects by being able to print projects in 3D so the students can physically hold and observe the objects.



Foods 2 Classes ran their own business 2 weeks prior to Christmas Break. They were challenged to reach \$500 in profit. They sold cake pops in a variety of Christmas shapes and also made sugar cookies that were decorated. Students worked very hard and made their goal. First period students were rewarded with breakfast and 4th period students were rewarded with pizza.

