

From the Desk of Mr. Cummings, RJTC Director

Roane-Jackson Technical Center students recently completed a solar powered mega Christmas tree display for the Cedar Lakes Winterfest. This in-depth project involved the participation of multiple programs, including Computer Aided Drafting, Networking, Millwright, and Welding. Our exhibit received a first place award at the annual Festival of Lights. Special thanks to all the students and staff involved in creating this truly amazing project.

RJTC continues to make facility improvements this year. The school recently completed a major renovation that comprises new ceilings, lighting, ADA accessible doors, lobby remodeling, dust collection system, and exterior concrete work, all of which was made possible through a \$675,000 School Building Authority grant. Also, I am pleased to announce that the Center will be receiving another grant next year to continue facility improvements. Overall, the faculty and staff of Roane-Jackson are looking forward to many positive developments in 2010.

Wishing you a Merry Christmas and a prosperous and Happy New Year.





Health Occupations

HOSA raised \$150.00 for Autism Speaks by collecting \$1.00 donations for paper puzzle pieces. For more information, go to www.autismspeaks.org. Also, the afternoon HOSA organization provided six Christmas “shoeboxes” for children in Mexico, sponsored by an international charity.

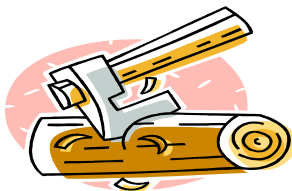
For an entire week this semester, Mr. David Bradley trained students in CPR and First Aid practices for health care providers. Stephanie DeWees, Jackson County Health Department nurse, was at RJTC for the second round of Hepatitis B injections and tetanus immunizations for Health Occupation students. Furthermore, all students in Mrs. Young’s classes have been encouraged by the nursing home corporate network at their clinical rotation sites to receive seasonal flu shots and H1N1 vaccines.



Forestry and Grounds Maintenance

Forestry and Grounds Maintenance classes have been busy with a variety of activities, one of which was the Adopt-a-Highway project. Students involved removed debris one mile east and one mile west of RJTC on Route 33. On Oct. 15, they attended the Western Soil Conservation District Banquet and received the FFA district award. In November the class toured the Burke-Parsons and Bowlby (Stella-Jones) plant to observe how railroad ties and log houses are manufactured. More recently, on Dec. 9, they traveled to Flatwoods, WV, to the Weyerhaeuser plant to view production of oriented strand boards. In addition, students have been active lengthening and reconditioning the Touch the Earth Nature Trail, which is now over two miles long.

Mr. Tim Craddock of the WVDEP “Save Our Streams” program visited RJTC and demonstrated to the class techniques to ascertain a stream’s health and water quality. On another occasion, Mr. Nat Sistrunk of Natco Forestry Services spoke to the class about the duties of a service forester.





Students of the Month



The **November** Secondary Student of the Month is **Seth Easter**, son of Bryan Easter of Ripley. He is enrolled in the ProStart II program taught by Lisa Cooper and plans to continue his education after graduation.



The **November** Post-Secondary Student of the Month is **Clint Stump**. Clint, who is enrolled in the Computer Aided Drafting taught by Don Sheppard, is the son of Eugene Stump of Spencer. His future plans are to attend college in the CAD field.



Roane-Jackson Technical Center's **December** Secondary Student of the Month is **Summer Wright** of Ravenswood, daughter of Valicity Pauley. Summer is enrolled in the Health Occupations Program taught by Donita Young and plans to return to Roane-Jackson Technical Center next year in the LPN Program.

December's post-Secondary Student of the Month is **Cortney Easter**, who is enrolled in the Practical Nursing Program taught by Michele Ellis, Vickie Langford, and Evie Harris. Cortney plans to work in the LPN field and continue her education in pursuit of an RN degree. She is the daughter of Rich and Melissa Easter of Cottageville.



“Hold Up” in Criminal Justice

Two faculty members posed as masked men and suddenly appeared in the Criminal Justice classroom, demanding a student’s car keys. A valuable lesson was learned after the hold up as students’ eyewitness accounts differed in a variety of ways. In addition to this interesting enactment, Lt. Tony Boggs and Cpl. Eric Cullen with the Jackson County Sheriff’s Department demonstrated fingerprinting techniques and provided students the opportunity to practice fingerprinting and to ask questions concerning crime scene investigations. The class also toured the Jackson County Courthouse with Magistrate Tom Reynolds and were given an overview of the judicial system.



Practical Nursing Entrance Exam



Roane-Jackson Technical Center School of Practical Nursing has begun testing for the class of 2010-2011. Pre-entrance test dates are listed below, and the **test fee, due at sign-ups, is \$40.00**. Please call Monica Gibson to register at 372-7335.

Jan. 23, 2010..... 10:00 A.M.

Mar. 27, 2010.....10:00 A.M.

Apr. 24, 2010.....10:00 A.M.

Cedar Lakes Winterfest of Lights Competition

The Roane Jackson Technical Center prepared a “mega” Christmas tree to compete in the 6th annual Cedar Lakes Winterfest of Lights competition. The state wide competition is for students enrolled in Career and Technical Education programs and displays are judged on the quality of construction, creativity, animation, theme, and documentation. RJTC took 1st place with their solar powered tree, resulting in a \$1000 prize. The Computer Aided Drafting, PC Repair, Electronics, Welding, and Millwright classes constructed and programmed the 20 foot tall and 10 foot wide, environmentally friendly Christmas tree. The CAD and Millwright students assembled the tree, which contains 108 strands or 7,560 LED mini lights. It is topped with a star welded by Joe Dowey, Justin Birthisel, Brandon Ash, and Morgan Batton. The electrical connections and circuit boards were built by Scott Harper, and the tree’s animation is controlled by a microcontroller programmed by Josh Bee. Without the use of any electricity, the entire display is powered by two 12 volt batteries charged by two solar panels. The display may be seen nightly at Cedar Lakes from 6:00 P.M. to 9:00 P.M.



http://www.metacafe.com/watch/3844183/arduino_mega_tree/