

# CARTHAGE TECHNICAL CENTER

FALL 2008

## *Skills USA Takes National Honors*



The Information Technology department at Carthage Technical Center offers training in PC Repair, Networking, and Visual Basic Programming. All programs offer articulated credit with several local community colleges, allowing Carthage's students to build a solid foundation in technology before entering the workforce or continuing their education. The Carthage Technical

Center's SkillsUSA student organization has had an outstanding year. Our first ever entry into the Tech Prep Showcase – Information Technology contest received 2<sup>nd</sup> place at the annual SkillsUSA National Leadership and Skills Conference, held in Kansas City, MO. The CTC team created a video game and web site that explained and reinforced online safety practices. Their project was geared towards younger internet users in the 8-14 year old range. A trade show booth highlighted their project at the National Competition. They received community support from the Carthage Police Department and a

local Web Design/Hosting company. Our supporters' input was invaluable in both the content they suggested and the relationships that were formed.

Another student from CTC's Information Technology Department in Computer Programming placed 9<sup>th</sup> in the Nation at the conference by creating several computer applications.

Success of our students at competition has generated student pride in our IT program as well as confidence and excitement at their future prospects.

## *Carthage Technical Center—NCA Post Secondary Accreditation*

The Carthage Technical Center was granted the status of candidacy for one-two years from the North Central Association Commission on Accreditation and School Improvement (NCA CASI). Carthage Tech Center will host a full accreditation visit November 12-14 of this year.

To earn accreditation, schools must meet NCA CASI's high standards, undergo evaluation by a team of professionals from outside the school, and implement a continu-

ous school improvement plan focused on increasing student performance. The accreditation process is voluntary and entails annual review by NCA CASI.

NCA CASI postsecondary school accreditation is recognized by the United States Department of Education. This recognition allows students to access federal funds to support their postsecondary learning. NCA CASI accreditation is also recognized across state lines, which greatly eases the transfer process as students move from one accredited

institution of higher learning to another.

"NCA accreditation is an external mark of quality," stated Eddie Stephens.

"We are proud to have earned initial accreditation from NCA CASI. It demonstrates to our students, parents, businesses, and community that we are focused on providing the highest quality learning environment for our students."

Parents and interested community members can learn more about NCA CASI accreditation at [www.advanc-ed.org/](http://www.advanc-ed.org/)



Students for Chris Adam's Project Lead the Way class show off their projects.

**Marketing and Finance Classes are headed to New York City**



The Carthage Finance and Marketing students will have an opportunity to go to New York City February 26-March 2, 2009, to take part in the New York City Field Studies Tour. Students will participate in three professional seminars from marketing professionals/firms (Sports Illustrated, Saks

Fifth Avenue, Madison Square Gardens, are possibilities); visit the New Federal Reserve and, Ground Zero; tour NBC studios, Yankee Stadium, Madison Square Garden, Statue of Liberty and Ellis Island; and attend the NBC Today Show and a Broadway play.

Melissa Faucett, Marketing and Finance Instructor at the CTC, is excited that eleven students and six adults are participating in the field study trip. Students are in the process of fundraising for the trip and are planning a Chili Feed and Silent Auction fundraiser for

Tuesday, November 18 at Fairview Christian Church from 5:30-7:30 pm.



**TIGER GEAR IS HERE!!!**

Tiger fans get geared up for the year! Our local DECA chapter now has their official *Tiger Gear* spirit products ready to be purchased.

Stop by Mrs. Faucett's room at the CTC!

"I'M EXCITED ABOUT EVERY ASPECT OF THE NEW YORK EXPERIENCE.

IT WILL BE VERY INTERESTING MEETING WITH BUSINESS EXECUTIVES AND FUN TO STAY RIGHT OFF OF TIMES SQUARE!"

CATRIANA LOWERY

**Senior Interviews**

Each fall seniors and their families are scheduled for exit interviews in which a variety of information is exchanged, including credit checks, college application procedures, and general financial aid concerns. This year one-hundred-forty interviews were scheduled and conducted over a three week period.



Senior Aleisha Joyce and her parents, Matt and Michelle, meet with CTC Counselor Keith Espinosa to discuss post graduation plans.

**What seniors are saying about their CTC experience**

*"I love being involved in DECA, it has not only taught me leadership skills, but it has given me real life experiences that I will use in my everyday life. Aleisha Joyce*

*"Taking finance classes at the Tech Center has helped me manage my money better and be financially responsible."-Justin Lieneman*

**Health Science News**

Our Health Science program is off to a great start with enrollment numbers supporting a second instructor for the second year in a row. We are excited to report we had a 100% pass rate on the CNA exam last year. The program awarded AHA CPR Healthcare Provider Certification for all but two students

Our SkillsUSA Health Knowledge Bowl won 1st in the State and went on to participate in National Competition winning 12th place. Derek Mendell, a 2007-08 Health

Science student was a regional winner of the Breaking Traditions Award. The 07-08 classes participated in a field trip to KC to see the BODIES Exhibition and completed job shadows at Freeman and McCune Brooks Hospitals.

Students in Spotlight: Kasie Thrasher, SkillsUSA State and SW District Officer Celia Clemmer, SkillsUSA SW District Officer



Students practice their CPR training during Health Science class.

## Project Lead the Way

Carthage Technical Center is proud to offer comprehensive pre-engineering and pre-medical programs for High School students.

Project Lead The Way (PLTW) is a national non-profit organization established to help schools give students the knowledge they need to excel in the engineering and medical fields. PLTW's instruction, generally one-third theory and two-thirds application, gives students meaningful, hands-on experience in problem solving, teamwork, and project based learning.

PLTW's pre-engineering program is now offered in all 50 states with over 1000 schools and is affiliated with such groups as NASA, the Society of Manufacturing Engineers, American Society of Manufacturing Engineers and others. Locally, CTC PLTW has a close relationship with the Southwest Mis-

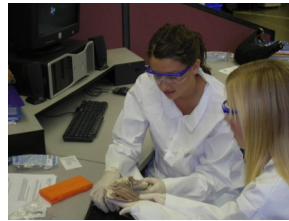
souri Professional Engineers Association. Most Pre-engineering classes for PLTW offer college credit through several universities around the nation.

CTC is one of 35 schools in the United States that is a "test" school for the PLTW BioMedical Program™. Project Lead the Way's Biomedical Sciences™ program is a four year series of courses, designed to bring students closer to the possibilities of a medical based field. The courses are integrated into the students' core curriculum and designed to expand upon the college preparatory math and science programs. Four classes are offered, starting with Principles of BioMedical Sciences, followed by Human Body Systems, Medical Interventions and Medical Research.

The PLTW Biomedical Sciences™

program offers high school students a dynamic curriculum that uses real world experience and hands on learning. Students with interest in exploring the variety that medicine offers will find PLTW's Biomedical Sciences™ program a fantastic doorway to the future of the industry.

For more information about PLTW program offered at Carthage Technical Center, please go to [www.pltw.org](http://www.pltw.org) or contact Carthage Technical Center.



## FFA Officer Retreat

During the summer Carthage FFA officer team held their annual officer retreat at Crowder College. It was a great success. During the retreat they discussed the upcoming events for the year as well as planning the year's activities. This took a while to do but after it was all said and done the team went out and had a little fun. After the planning and discussing, the offi-

cers and Ag Advisors went canoeing. This was a great activity because it involves teamwork. As they floated down the river, they stopped and played leadership games that involved all the officer team working together to accomplish a task. When it was all said and done, the officer team had a good time. The Carthage FFA officers challenged themselves to

step up and stand out this school year !



## Career Prep Certificate

The CTC currently sponsors several programs that develop within students the knowledge and skills required to garner successful careers. CTC students participate in the ACT, MAP, NIMS, NOCTI and AS-VAB assessments. In 2007-08 the WorkKeys testing was implemented requiring all juniors and seniors to participate. Additionally, over 100 seniors participated in job shadows, mock interviews and completed a resume.

The CTC is kicking off a new initiative this fall with the Career Prep Certificate. This is an industry driven certificate that establishes a "written guarantee" listing all certifications and work skills of graduates leaving our building.

Rhonda Derryberry, Placement Coordinator, is excited about this program and the possibilities it has for our students entering the workforce.

### Career Preparation Certificate



**CARTHAGE STUDENTS HAVE THE EDGE IN A TOUGH JOB MARKET.**

## Industrial Electronics - Robotics and Automation

When most people think of robots they imagine the human-like machines prevalent in movies and comics. We have that type at CTC but we also have robots like they use in industry that do not look humanoid and perform thousands of functions. From spraying paint on car bodies to spying on enemy troops, robots are used for a variety of tasks and knowledgeable people are needed to create and maintain them. Our goal at CTC is to provide an educational background that will enable the students to find such a lucrative career. Our

robotics team took second place in State SkillsUSA Robotics competition last year.



## Digital Communication – Video Production

Today, people make a wide variety of video programs ranging from five-second commercials to thirteen-hour miniseries. Some specialized areas are as diverse as medicine, industry, science, and law enforcement. At the Carthage Technical Center we provide a foundation in video communication leading to any of these satisfying and lucrative careers. Students begin

by learning the basics of making a video- writing, directing, and editing. They use industry standard methods

and software in this learning process. They also discover the organizational and math skills involved in budgeting of time and resources concerned with the production of a video.



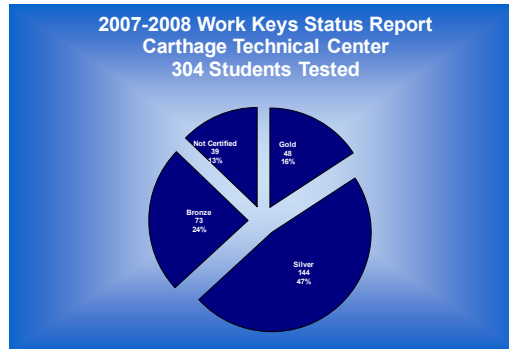
## Digital Electronics – Project Lead The Way®

Our Digital Electronics curriculum was created by Project Lead the Way, Inc.® and embraces the educational tenets of project based learning. Students use projects to develop solutions to solve problems and demonstrate mastered skills and knowledge, rather than parroting phrases or concepts on short answer evaluations. Authentic assess-

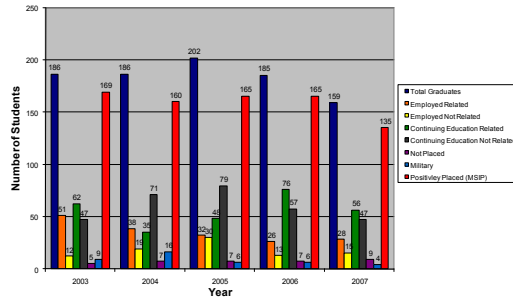
ment is used in the form of structured observations, checklists, rubrics, and portfolios to match the activities the students use to demonstrate content mastery. Our Digital Electronics students have consistently earned Gold Medals in SkillsUSA District competitions and have always done well at the State level contests.



## CTC School Improvement Data

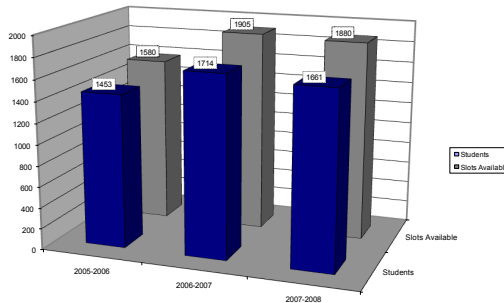


All Career Education Programs 5-Year Placement

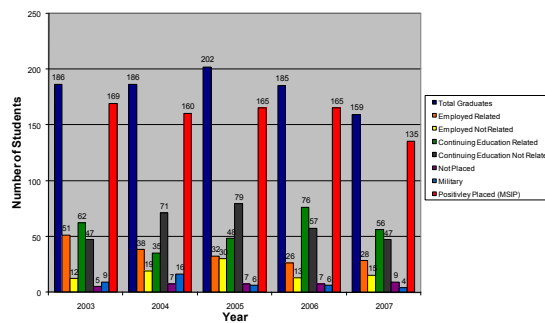


“SUCCESS IS NOT  
AN OPTION EVERY  
STUDENT WILL  
SUCCEED”  
AUTHOR UNKNOWN

CTC Enrollment Data



All Career Education Programs 5-Year Placement



## Washington Leadership Conference

Over the summer ,17 Carthage FFA students attended the Leadership Conference in Washington D.C. they were chaperoned by two advisors, Kaylee Stramel and Tom Howard. We left on June 10 and returned on the 15<sup>th</sup>. The conferences were mainly



held in the Rosalyn Hotel where our chapter stayed. There were around 9 leaders that took groups of people as their ‘families’. There were chapters from all over the United States, from Texas, South Dakota, Kansas, and Iowa. We were mixed in rooms and were able to meet new people. The main event that took place in our family groups was when we worked in a warehouse and packed apples and potatoes to help serve the hungry community. We made the rooms we met



in into a museum and toured each room to see what each group was studying. Many friendships were made and kept past the conference.

## Cooperative Occupational Education Internship

The CTC offer internships in both business and marketing that provides students with on-the-job work experience and training in an approved position. Depending on the program, the student intern earns credit toward graduation and also receive pay. The CTC currently has 22 students taking part in this program and

working in various locations in the Carthage community. Callee Houlihan, an intern for the Carthage R-9 IT Department says, “ I have learned a lot about computers and about the career world in my internship. This experience will benefit me greatly in the future.”



Shelby Baugh, BOE Student

## Carthage Technical Center Carpentry House—2518 Stephen Street, Carthage, Mo

The Carpentry program has another house for sale. The house has three bedrooms, two and one-half baths, utility room, large open living room and kitchen, covered front and back porch, and a two car garage.

The house has custom oak cabinets, hardwood floors in the kitchen and dining room, ceramic tile in the bathrooms and utility room and carpet in the rest of the house. The house is trimmed in oak with solid oak doors.  
Bid Process: All bids must be submitted to the office of the

Superintendent of Schools, 710 Lyon, Carthage, MO. The Board of Education reserves the right to reject any and all bids and no bids under \$162,500 will be considered. All bidders are required to enclose a check with their bid for 10% for their bid amount. Unsuccessful bidders’ checks will be returned to them. The successful bidder’s check will be applied to the purchase price. However, in the event the buyer defaults on the contract for any reason, 1% of the bid amount will be considered non-refundable and shall be

retained by the district as liquidated damages.



### Carthage R-9

#### Character Words

Sportsmanship

Teamwork

Responsibility

Cooperation

Service

Perseverance

Kindness

Self-Discipline

Integrity

# CARTHAGE SCHOOL DISTRICT-POST SECONDARY

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Carthage, MO 64836

Phone: 417-359-7095

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E-mail:

## MAKING THE FUTURE WORK

### LICENSED PRACTICAL NURSING PROGRAM

The Carthage Technical Center—Post Secondary will be presenting their LPN program proposal to the State Board of Nursing in December. If accepted, our first LPN class will begin January 2010. Applications for the program will be accepted starting in August 2009. Financial Aid will be available to qualifying students.



Adult students in our night CNA class practice taking blood pressure. CTC-Post Secondary offers a variety of adult medical programs each semester.

Carthage Technical Center (CTC) formed the NCA Steering Committee to pursue accreditation for postsecondary programs. This committee completed a self-study with the support of the Carthage School District Board of Education, CTC faculty, staff, and advisory committees. The dream of postsecondary education at the CTC became reality last fall by entering Candidacy status through North Central Accreditation.

We are very excited about the possibilities this opens for our community. Currently we offer over 60 classes through our Community Education program each semester. Examples of classes are: foreign language, photography, introduction to computers, Microsoft Office, WORD, EXCEL, Powerpoint, welding, machining classes, scrapbooking, etc. A complete listing of classes is available by calling the CTC office.

We will begin offering one and two-year certificate programs in the fall of 2009. Be looking for more information on the exciting post secondary opportunities at the CTC.

### *Adult Education and Literacy Center—New Location and New Director*

The Adult Education and Literacy Center has a new look this fall with a new location and new director. The new location is at 506 Main Street here in Carthage. Mark Frerer is the new director and will also serve in the position of financial aid officer for post-secondary programs. Max Goins serves as the Literacy Coordinator for the Center promoting our programs and recruiting volunteers to serve as tutors for our students. Richard Huggins is our full time instructor and Bev Jefferis serves as our administrative assistant.

#### What is AEL??

AEL stands for “Adult Education and Literacy.” The Carthage AEL site offers varied programs. Many adults take classes to prepare for the GED (Tests of General Educational Development). You can also enroll to improve or review important basic skills, whether or not you have a high school diploma.

#### Work Readiness Skills

Skills that help you get and keep a job  
Evaluating your current skills  
Looking for jobs  
Understanding what job skills are needed before you apply  
Developing a resume  
Filling out job applications  
Learning job-interview skills and participate in mock interviews  
Communicating and getting along in the workplace  
WorkKeys Testing  
WIN Career Readiness Courseware

#### Life Skills

Making and using a budget  
Balancing a checkbook  
Finding goods and services  
Helping your children in school

#### Reading Skills

Learn to read  
Using what you read  
Reading and understanding directions

Reading and completing forms and applications

#### Writing Skills

Writing letters and memos  
Writing reports  
Summarizing information  
Writing and developing paragraphs  
Using correct grammar, punctuation and capitalization.

#### Math Skills

Solving problems  
Understanding graphs and data  
Using measurements and formulas  
Using fractions, decimals and percents

#### Contact Information

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huggins@carthage.k12.mo.us

Carthage Technical Center Adult/Community Education classes

October –December 2008

Call 417-359-7026 for more information

**October**

Microsoft Word 2007	Oct. 6-30	Tue/Thurs	6:00pm-8:00pm	\$60.00	CHS 409
Photoshop Restoration and Retouching	Oct. 2-23	Thurs	6:00pm-8:00pm	\$60.00	CHS
Manual Machining and Grinding	Oct. 20-Dec. 3	Mon/Wed	6:00pm-9:00pm	\$100.00	CTC
Esprit CAM Software-Beginner	Oct. 7-Nov. 14	Tue/Thurs	5:00pm-8:00pm	\$300.00	CTC
Beginning Spanish Part 2	Oct. 20-Nov. 24	Mon	6:30pm-8:30pm	\$65.00	JH 113
Intermediate Spanish Part 2	Oct. 20-Nov. 24	Mon	4:00pm-6:00pm	\$65.00	JH 113

**November**

Microsoft Excel 2007	Nov. 4-25	Tue/Thurs	6:00pm-8:00pm	\$60.00	CHS 209
Quick Books	Nov. 15	Sat	10:00am-4:00pm	\$50.00	CTC CIS
Insulin Administration	Nov. 13, 18, 20	Tue/Thurs	3:30pm-6:30pm	\$170.00	CTC HS
Esprit CAM Software-Intermediate	Nov. 18-Dec. 18	Tue/Thurs	5:00pm-8:00pm	\$300.00	CTC
Beading Basics	Nov. 11	Tues		\$25.00	CTC
Weight Management	Nov. 6, 13, 20	Thurs	6:00pm-7:00pm	\$30.00	CTC

**December**

Basic Internet Session 3	Dec. 4, 11, 18	Thurs	4:00pm-6:00pm	\$15.00	CTC
Basic Internet Session 4	Dec. 4, 11, 19	Thurs	6:00pm-8:00pm	\$15.00	CTC
Christmas Memories	Dec. 11	Thurs	6:00pm-8:30pm	\$25.00	CTC

Spring Classes begin in February.

Course Catalog books available December 2008

If you have a specific class you would like to take or teach contact

Holley Goodnight at 417-359-7095