

# CTE

THE MACOMB DAILY • MAKING THE CONNECTION

CAREER • TECHNICAL • EDUCATION



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## 'Career Scope' and other Roseville programs help students make dreams become reality

By Steven Writtenberry

Since the adoption of North Central Accreditation during the 1968-1969 school year, Roseville High School has had a continuing commitment to better education. On Feb. 18, 1992, the Roseville Schools Board of Education approved a mission statement to help students become "lifelong learners prepared to meet the

challenge of the future."

Today, Roseville Community Schools is fulfilling that creed by helping students make dreams become reality.

Starting in the 2002-2003 school year, Roseville High implemented Career Scope to recognize job opportunities related to interests or hobbies. Sophomores start Career Scope by taking a computerized interest test. This

year, graduating seniors will wear a corresponding stole for their Career Scope field. Some students have turned toward their results for guidance, for future class choices and job opportunities. An NCA survey states 89 percent of the students from 791 responses agreed with their career choice matches.

To further increase career awareness for all students, sev-

eral staff members volunteered to create a chain of videos titled "Spotlight on Careers." The 17-video series was made to give students information on unique careers available and the skills and education needed to obtain such careers. Some videos are about starting a business, information processing, building trades and law enforcement. Many students have enjoyed the

series, and it has provided integral career information.

Many educators teach classes that have to do with careers, allowing students to get a feel for the job. There are classes such as auto body, drafting, information processing, media productions, building trades, food service and more. Newspaper is also a career-building class in which students get a feel for deadlines and

publish a monthly newspaper.

Throughout the school and district, educators and administrators are making strides to better connect students with the future. Many of these programs allow students to realize that there is much more out there than they may be aware of, and these programs open windows to new possibilities.

## Media Productions is good news for Roseville students

By RoseAnn Barsotti

Roseville High school has offered a Media Productions program since 1992. This is the class in which video announcements are made. Students are taught camera operation, production and how to use editing equipment.

When this course started, it had only one camera and a character generator. The equipment was donated by Continental Cable, now known as Comcast.

Marc Santia was one of the first students to take the class. He said it was a great class. He had been making movies with friends outside of school, but the class gave him a structured format. Students learned scripting along with editing. Santia graduated from Roseville in 1993 and is now a reporter for WDIV (Channel 4).

Media Productions has evolved. The class now has three editing decks, each with two 19-inch monitors, three sound boards, five VHS / DV players along with a switcher and a teleprompter. Each deck is equipped with "Video Toaster



WRHS has upgraded its equipment to better suit the program's needs.

Three" editing software. Media Productions went from having one camera to having seven cameras, and two stationary cameras that are used for on-air announcements.

Teacher Eric Mattison and paraprofessional Debbie Holland lead the class during second hour. The class runs through a complete production of morning

announcements. Morning announcements include two anchors, two camera operators, a person on switcher, graphics, audio, playback and teleprompter. The anchors run through announcements sent in by teachers, coaches and principals. Then they introduce a video, which could promote a game or club, recapping events or a pub-

lic service announcement.

"It truly is amazing to see how much knowledge the students are able to gain in a year. They enter the class with very limited knowledge and leave knowing how to run a complete production," Mattison said.

Each student is assigned a video for the week, and it is his job to use creative and technical skills to make each video top quality and keep the attention of the audience. Media Productions not only teaches students technical skills, it teaches the importance of working with others and time management. Students not only spend second hour working on their videos, they come before and after school to work on them as well.

The class is an asset to those interested in television broadcasting. There are many colleges that have programs just like this one, including the Specs Howard School of Broadcasting. A scholarship to Specs Howard is offered to students who take the Media Production class.

## Preparing today's students for tomorrow's technology

By Chad Franchy

In this ever-changing world, only one thing is certain: Knowing how technology works is a must.

Computers are the tool of tomorrow and a valuable resource for modern careers. Computers are used more than ever in accounting, architecture and business management. Tax and stock information is available on-line. Cash registers are computerized. Even librarians, who hold the card catalog system sacred, have converted to computer storage and use. Every aspect of business involves computers, and those who are not computer savvy will fall behind the competition.

To keep up with the need to be technically educated, schools have begun implementing computer classes in core curriculum. Many computer classes are offered at the high school, ranging from Desktop Publishing to Info Processing. By high school, many students already have in-depth knowledge of computers. But for some it is too late to learn.

That's why Roseville Community Schools has created programs at the junior high, and even elementary level, to prepare students for the competition. Along with English and math, keyboarding is a required class at both Roseville and Eastland Junior high schools. The junior high schools offer a computer class in which students learn how to operate basic programs such as Word, Excel and Access. After mastering the basic programs at this level, students are able to participate in higher-level high school courses that have applications of real job sites.

Like reading, writing and arithmetic, computer use is picked up more easily at the elementary level. This is precisely the reason schools such as Patton Elementary have drastically changed their technological programs in recent years.

Ten years ago, Patton had one computer in every classroom. Now, there are five student computers and one teacher station in every classroom. The students

are in constant contact with computers. They use computers to type papers and use the Internet for research. The youth of Roseville are being trained on computer use so that the valuable information will stay with them for life. When their future employers request 10-page reports with graphs and charts for clients, students will know how to collect research and use the necessary programs. Young children will not have the same fears and apprehensions that some older people have about modern technology.

The bond issue in the late 1990s provided Patton with a state-of-the-art computer lab and library center where students attend a media class once a week. In the media class, students in kindergarten through sixth grade use the Plato program, interactively solving problems in real-life scenarios. The Kidspiration program educates students about basic programs such as Word. Sixth graders begin learning more involved programs such as Microsoft Excel. As part of the media program, PowerPoint presentations and live broadcasts are used. There are digital cameras, cable TV and DVD players that teachers use to instruct. When today's children are tomorrow's adults, they will be comfortable with and knowledgeable about technology, allowing them to compete for high demand jobs and technical careers.

Linda Liwienski, a paraprofessional at Patton, said, "Technology has become such an integral part of education I really don't know what we did without it."

The simple fact is that a good career requires at least some computer knowledge. The same position in the future will not be any less technical. Roseville is preparing its youth with solid programs and training for the demands of future jobs.

Next Week's CTE Page will feature South Lake

## Computer certification helps students prepare for future

By Adrian K. Jackson

The Microsoft Office Specialist program is the only comprehensive certification program designed to validate desktop computer skills using Microsoft Office 2000 and 2002 applications.

MOUS is a certification that provides educational institutions, such as Roseville High School, a unique opportunity to offer a globally recognized industry of standard desktop skills to students in their own school. MOUS certification proves computer literacy, measures proficiency, improves productivity and identifies opportunities for skills enhancement.

MOUS exams are not written

tests; instead, they feature real-world assignments based on the way computers are actually used. Using an actual document, for example, students are often asked to perform a series of tasks that demonstrate desktop computing skills. There are separate tests for each of MS Office Suite's applications, including a core and an expert level for both Word and Excel programs. Microsoft Access, PowerPoint and Outlook each have one test. If all seven certifications are obtained, Microsoft issues a Master's Certificate, verifying the user's proficiency.

The Microsoft Office Specialist Certificate is the reward for passing the MOUS tests. It is a valuable

credential recognized worldwide as proof students have the necessary desktop and computing skills needed to work productively and efficiently. Increasingly, employers recognize the value of this certification, and are waiving computer testing during the interview process when candidates present MOUS certification.

Jeff Verkyn and Roy Bjork teach the class, and 85 percent of students passed the test this year. Roseville Community Schools has an agreement with Macomb Community College in which students can receive up to nine college credit hours. The class is a 2-hour, block class that includes the use of digital cameras, scanners, printers and

a 36-inch poster printer for making banners and posters. This class helps students gain an edge over the competition.

Bjork believes taking the class provides a tool for life. The Info Processing technology class will help you succeed in whichever job market you're interested in. And the class is worth two years of work experience for all jobs, which looks good on a resume.

Senior Michael Rizemkowski said he loves the class, and thinks it is the best at Roseville High. Before taking the class, he liked dealing with computers, but the class accelerated his passion. He is one of many students from Roseville excelling in the technology field.

## Building Trade students get perspective on architecture, design and building

By Jeff Caza

Building a house is no easy job. It is subcontracted to different types of businesses for the different tasks involved.

However, Roseville High School students in the Building Trades program are building houses from the ground up by the Guest Community Center on Frazho and Ridgmont. They are doing everything from surveying the land to painting the interior. The only thing the students do not do is excavate the basement, but they are present when it is dug. The plan is that one house is built a year, and two homes are roughed in. This year, stu-

dents are trying to build two houses.

They do not jump right into building, however. They have to start inside the classroom, learning the concepts and safety aspects. The students are taught about the tools used in the building process and getting prepared to work. At the start of the year, many of the students are apprehensive, but as time goes on, they gain confidence. The Building Trades students get hands-on learning and are involved in the building process. The students are exposed to different aspects and opportunities, as well as many different career paths, and can see what they like, or more importantly, what they do not want to do.

Building Director Mark Andrzejewski said, "This program really helps students in a couple of different ways. The program gives them experience with various building trades, along with a taste of multiple occupations in the construction field. It also provides students with a realistic perspective on just how demanding such careers can be."

To qualify for Building Trades, students have to start in the drafting classroom. During the first half of the year, students learn the tools needed for architectural floor planning, along with graphic projection. They also learn about famous architects and designers like Preston Tucker and Frank Lloyd

Wright. Mark Leahy, one of the drafting teachers at Roseville High School, teaches students about what it takes to get the job done.

As the second half of the year comes along, students use computers and get a feel for AutoCAD in 2D and 3D with non-parametric solids or dumb solids, which are not easily moveable. After the first year, students qualify for the advanced class, where parametric solids are used and a whole new working plane is opened up.

Roseville High students are able to perform architectural-related tasks before they leave high school and get real experience for a future career in building.



By providing hands on experience for students, the building trade builds an entire house every year.

M A K I N G T H E

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For more information about CTE or to share your thoughts about the "Making the Connection" series, contact Karen Johnston at 586/228-3469 or email [kjohnston@misd.net](mailto:kjohnston@misd.net)

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