

CTE

THE MACOMB DAILY • MAKING THE CONNECTION

CAREER • TECHNICAL • EDUCATION

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Bond passage in Fraser is big boost to CTE programs

Next Week's CTE Page will feature Mount Clemens

By Dave Miller
CTE director, retired

On May 3, 2005, the Career & Technical Education programs got a tremendous boost from the taxpayers, who passed a bond issue that included improvements to most of the CTE programs at Fraser High School.

Staff members are now in the process of meeting with administration and architects to plan the changes.

The Business Department will be moved to a new wing where Marketing, Accounting and Business Administration programs will all be in the same area. A new school store is being created in the new wing.

In the Industrial Technology area, one new lab is being created for the Electronics program, which is now going through the process of being re-certified by the state. Other programs and labs are being upgraded with equipment. The department decided to focus on the upgrade of equipment.

Each of the areas will get new machinery, computers and other equipment to bring the labs up to date.

The Allied Health program is being moved to a new area in the building to make it more accessible to athletes for the Sports

Medicine program. The program also includes Patient Care Technician, as well as exploration of other areas in the health field taught in Allied Health Technology.

The Life Skills Department will get new classrooms and a new lab to teach basic cooking skills to students. Those skills are prerequisite to the Commercial Foods/Restaurant Management part of the program, which will also receive major improvements.

Currently, the student-run restaurant operates as café-style facility. The dining area is in full view of the grill area. The redesigned facility will increase the size of the kitchen and add a separate dining room that will be open to the public. The trend in eating out has produced many great restaurants in Macomb County. The Fraser High School program, which has won county awards for many years, will train the next generation of chefs for many of these restaurants.

Fraser High School will be 35 years old in January. It has served its students well over those many years. However, these improvements in all the CTE areas will bring the programs up to date and will prepare the students for continuing education and careers for years to come.



The Fraser High School Health Occupations Students of America raised money to purchase and donate a "Trainer's Angel" to the Fraser Public Safety EMS unit. The tool is used to remove the facemask from an injured football player's helmet so that the player can be examined by emergency medical technicians without creating further trauma. Scott Matthew, liaison officer from the Fraser Public Safety Department, receives the donation from HOSA officers, from left, back row: Kyle Kusmierz, Leanne Mansky, Devon Hagerman, Ashley Shoupe, Officer Scott Matthew, front row: Anna-Fracesca Santos, Danielle McBride and Britney Roberts.



Toni Samaranski concentrates on her athletic taping procedures.

Home Design puts it all together

By Mike Sand

The demand for architects, engineers, designers, building trades people, Realtors and suppliers continues to grow at a rapid pace. Everyone needs a place to live. We all have someplace we call home. We want our residence to be stylish and unique. This is why Fraser High School decided to offer a home design course.

A general interest class, Home Design gives students who generally would not otherwise take a technology class an opportunity to explore the many options in this exciting field. Many female students sign up for this class thinking it is an interior decorating course. But once they begin the work they are captivated, and find that tech classes can be fun and loaded with exciting challenges.

In the beginning, students learn basic drafting skills such as measurement, architectural lettering and line work. They use architectural scales to draw floor plans and elevations of their "dream home." Drawings are prepared using one-quarter, one-half and three-quarter-inch scales. Building codes and standards are emphasized during this process, as is the terminology of the trade.

Once they have a grasp of the drawing board aspect of home design the real fun begins. Each student builds their own three-



quarter-inch scale model of a "cottage" that is custom tailored to their individual style. Here they use an actual blueprint to construct stud walls, paneled doors, double hung windows and a gable roof. They also hang "drywall" and apply molding and trim, as well as shingles to the roof. The cottage even has a porch that is complimented with posts and railings.

The roof of the "cottage" is removable so when construction is completed the student can access the decorating aspect of his or her project. Many "designers" actually build

scaled-to-fit furnishings for their creation. Some of the items include tables, chairs, canopy beds, appliances, lamps and even ceiling fans. Interior walls are treated with wallpaper, sponge painting and even stenciling. A number of cottages incorporate clapboard siding, brick and stucco on the exteriors.

In the advanced class, students are introduced to computer-aided drafting. Using AutoCAD 2005 LT, they enhance their skills by developing more-detailed floor plans and sophisticated architectural designs.




They also may construct models of larger structures such as condominiums, apartment buildings, townhouses and more. The possibilities are endless and the future is bright for

these enterprising students. Many Home Design alumni are enrolled in architectural and design programs around the area and across the country. Surely the housing and con-

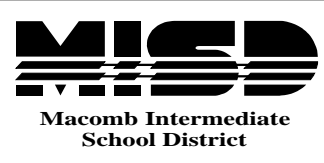
struction industry will be well served by these budding professionals. Fraser High School is proud of their accomplishments and wishes them all best for the future.

M A K I N G T H E

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to Career Technical Education

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



Macomb Career and Technical Education Administrators Association



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Macomb County/St. Clair County

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