

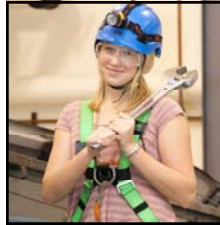
EFE - A Career Path for Academic Credit

Education for Employment is a fantastic opportunity for high school students. They experience hands-on career training in their field of interest and learn current business and industry skills through the latest technology. Did you know EFE also includes an opportunity for academic credit needed for graduation?

Students enrolled in EFE programs receive credit for their EFE course and also obtain equivalent academic credit needed for Michigan Merit Curriculum graduation requirements. Listed below are the academic credits that can be achieved through EFE programs:

- 12th Grade Language Arts (Law Enforcement only)
- 3rd Science
- 4th Related Math
- Visual, Performing and Applied Arts

Contact your counselor to ensure your students obtain their maximum credit potential ■



EFE COLLEGE CREDIT

AP courses and dual enrollment aren't the only options for high school students to get college credit. Students may also receive FREE college credit through their EFE programs. EFE students have the potential of obtaining 3, 6, 9+ college credit hours in their chosen career path at these participating colleges/universities:

- Baker College
- Davenport University
- Ferris State University
- Grand Rapids Community College
- Kalamazoo Valley Community College
- Kellogg Community College
- Lake Michigan College
- Michigan Career Tech Institute
- Northwestern Michigan College
- University of Northwest Ohio

Why pay tuition to take a college class that a student already passed?

Talk to your high school counselor today ■

EFE Programs

Arts & Communications

- Art & Design Career Skills
- Digital Imaging
- Digital Video Production
- Radio Broadcasting

Business, Management, Marketing & Technology

- Accounting/Finance
- Banking & Finance
- Business Administration, Mgmt & Operations
- Computer Tech/Dynamic Web Programming
- Culinary Arts
- Hotel, Restaurant & Travel Management
- Marketing/Entrepreneurship
- Web Design

Engineering, Manufacturing & Industrial Technology

- Automotive Technology
- Aviation Technology
- Computerized Manufacturing
- Construction Trades
- Drafting Technology
- Electrical Technology
- Electronics & Robotics
- Furniture & Cabinetmaking
- Heating, Ventilation & Air Conditioning
- Welding
- Wind Energy Technology

Health Sciences

- Dental Assisting
- Emergency Medical Technician
- Health Science, Fundamentals & Professional

Human Services

- Cosmetology/Barbering
- Law Enforcement
- Teacher Education: Early Childhood
- Teacher Education: K-12

Natural Sciences & AgriScience

- Animal Technology
- Animal Science/WNR
- Veterinary Science



EDUCATION FOR EMPLOYMENT STUDENT ACHIEVEMENT

EFE STUDENTS COMPETE IN FIRST ROBOTICS

Six students from Kalamazoo RESA's Education for Employment (EFE) program participated in a recent series of FIRST (For Inspiration and Recognition of Science and Technology) Robotics competitions, vying against teams from throughout Michigan.

Will Devries, Ian Middleton and Clayton Seager are teammates on Team 2767 Stryke Force, sponsored by Stryker Instruments. Wade King, John Ross and Daniel Woodworth are part of Team 1677 Quantum Ninja, sponsored by Western Michigan University. Founded in 1989 by inventor Dean Kamen, the FIRST Robotics program allows students interested in engineering and technology to get hands-on experience while solving real-world problems.

Team members design remote-controlled robots with the assistance of professional engineers who donate their time to work side-by-side with students. These sophisticated robots, piloted by students, go head-to-head in two-minute rounds to earn points and continue on in elimination rounds. The matches equal the intensity of a varsity sport, playing in front of cheering fans complete with high school mascots, cheerleaders, and pulsing music. Teams build the robots, which weigh up to 120 pounds, in six weeks from a common kit of parts provided by FIRST. "FIRST Robotics has given me opportunities that I could not get anywhere else," said Seager. "I get the chance to learn with mentors that are real-world engineers."

Each year, the competition sets a new task for the robots to accomplish. In

this year's game, "Logo Motion," robots competed to hang the most plastic tubes on their grid during the match. "It is a great work experience, and just plain fun," said Middleton. Devries, King, Middleton, Ross and Seager are students in EFE's Electronics and Robotics program. Woodworth participates in EFE's Drafting program ■



Pictured from left to right: Will Devries, Ian Middleton, John Ross, Wade King, Daniel Woodworth, and Clayton Seager.

EDUCATION FOR EMPLOYMENT

PROGRAM HIGHLIGHTS



COMPUTERIZED MANUFACTURING

EFE is pleased to announce a new name for the Machine Tool program at Vicksburg High School. The program's name has been changed to Computerized Manufacturing. This name accurately reflects the direction of the program as EFE strives to train today's students for the high-skilled manufacturing positions that are currently available in business and industry.

In addition to the new name, the Computerized Manufacturing program was able to purchase a brand new HAAS VF-1 Vertical CNC Milling Machine over the summer and this new piece of equipment is operational in Mr. Kring's training lab. The VF-1 Milling Machine has the capability to program and produce two-dimensional and three-dimensional parts. The students' response to this new addition to the program has been awesome and they will

now have the opportunity to receive hands-on training on state-of-the-art, high-tech equipment that is being utilized in industry today.

For additional information on the Computerized Manufacturing program, visit the EFE website at

www.kresa.org/efe

or contact

Mr. Bill Kring at Vicksburg High School ■





BITS AND PIECES

WELCOME NEW EFE TEACHERS



Welcome Public Safety Officer Jeff Crouse, Law Enforcement Instructor at Comstock Community Education Center.

- Officer Crouse has been a Public Safety Officer with the City of Kalamazoo for the past 14 years.
- He served for six years on the K9 team with his K9, Maverick, who is now retired and resides with Officer Crouse and his family.
- He is a graduate of Western Michigan University.
- He is a dedicated AYSO soccer coach.
- In his spare time, Officer Crouse enjoys hunting and fishing.



Welcome Back Diane Snyder! Diane is returning to our EFE family as a Business Management Administrative Operations teacher at Parchment High School.

- Mrs. Snyder is a graduate of Western Michigan University's Haworth College of Business.
- She has 20 + years of classroom experience, which includes teaching at Parchment High School for the past 12 years.
- Diane enjoys her grandchildren, all kinds of water sports and dancing.

Welcome Tim Kirk, BMA and Accounting Instructor at Climax-Scotts High School.



- Mr. Kirk majored in Business Technology and earned his Bachelors Degree from Grand Valley State University.
- He is currently enrolled at Western Michigan University in their post-Baccalaureate CTE Master's program.
- He has been active in the business technology world for over 12 years.
- Tim's hobbies include camping, fishing, kayaking and mountain biking.

Welcome Kathy Wolf, Health Science Instructor at Comstock Community Education Center.



- Mrs. Wolf earned a Bachelor of Science Degree in Secondary Education from Western Michigan University, majoring in Biology and has a vocational certification in Health Science.
- She has worked in health care and/or health education for over 15 years.
- In her spare time, Kathy enjoys fitness, family and gardening.



Welcome Todd Meert, Wind Energy Instructor at KVCC's M-TEC campus.

- Mr. Meert is currently serving as lead electrical instructor at the KVCC Wind Turbine Technician Academy.
- Master Electrician (22 years).
- Instructor at KVCC (6 years).
- Certified trainer in Wind Energy Competent Climber, Fall Prevention & Rescue.
- Youth Director at First Congregational Church of Otsego.
- Todd enjoys mission work (Haiti & South Africa), coaching high school basketball and kayaking.

DID YOU KNOW...

- EFE students received 77 scholarships through the annual EFE Outstanding Senior Awards?
- EFE awarded over \$57,000 to students last year?
- 34 local business and industry donors contributed to the EFE Outstanding Seniors scholarship fund in the 2010-2011 school year?
- you can contribute too? To make a donation to this scholarship fund, please contact Diane Baker at 250-9303.



EFE/EFA OPEN HOUSE

Save the Date: **Wednesday, February 8, 2012**

(in case of snow closures on Wednesday, the Open House may be held on Thursday, February 9, 2012)

Parents and students in grades 8 through 11 are invited to attend an open house to explore all the options available to high school students in Education for the Arts (EFA) and Education for Employment (EFE). The open house will be held at the Air Zoo, 6151 Portage Road from 6 to 8 p.m. on February 8th.

Students will have an opportunity to speak with EFE/EFA instructors, current students and/or business representatives. For more information, please call 250-9300.

NOTICE OF NON-DISCRIMINATION: It is the policy of Kalamazoo Regional Educational Service Agency that no discriminating practices based on gender/sex, sexual orientation, race, religion, height, weight, color, age, national origin, disability or any other status covered by federal, state or local law be allowed during any program, activity, service or in employment. The following positions at Kalamazoo RESA have been designated to handle inquiries regarding the nondiscrimination policy. Human Resources Administrator, Karey Watson; Assistant Superintendents: Margaret McGlinchey & Laurie Montgomery. Contact information: 269-250-9200, 1819 E. Milham Avenue, Portage, MI 49002.

CO-OP CONCEPT

The cooperative education program is a “learn while you earn” program which offers a student the opportunity to earn credit toward graduation while receiving wages for a job related to his/her EFE course.

Interesting Facts about Co-op:

- High school graduates who can include work experience in their credentials have a distinct advantage over graduates with no work experience.
- Students have opportunities for employment with companies such as: Stryker Instruments, Public Media Network, Walther Farms, Abella Salon, Asthma Allergy Centers of Southwest Michigan, John D. Bradshaw PC, Simmons Ford and Flowserve.
- Co-op helps to shape a student’s career path at an earlier age.
- Students receive offers to remain with their employers after high school graduation.
- Co-op wages range from \$7.40 to \$10.00 per hour.