



25 Years and Counting



Development



Year Evolution

1995 MIMiC begins in existing engineering design and accounting classes

1995 Plastics technology students join MIMiC while plastics is offered

1996 Electronics students join MIMiC and continue through 2016

1997 Student Guidebook produced

1999 A capstone MIMiC business course is created for business administration, accounting and marketing students

Development

Year Evolution



2005 - 2008 National Science Foundation grant supports utilizing MIMiC as focal point in technical programs, emphasis on CQI and re-engineering.

2008 Teacher's Resource Manual for Adapting the MIMiC project produced

2013 MIMiC Lab opens in IVCC's new Community Technology Center

2013 - Present CAD Marketing Accounting core classes

Development



MIMIC Today

Contributing Classes

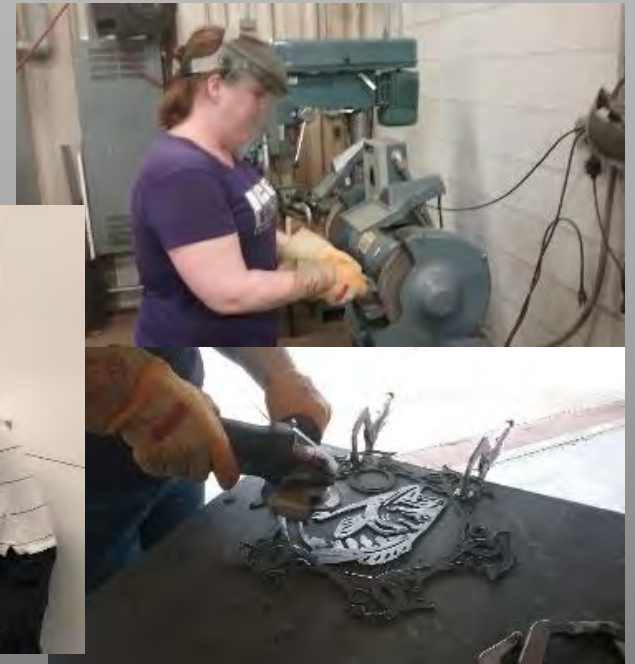
Graphic Arts

Welding

Manufacturing

Marketing

And Many More



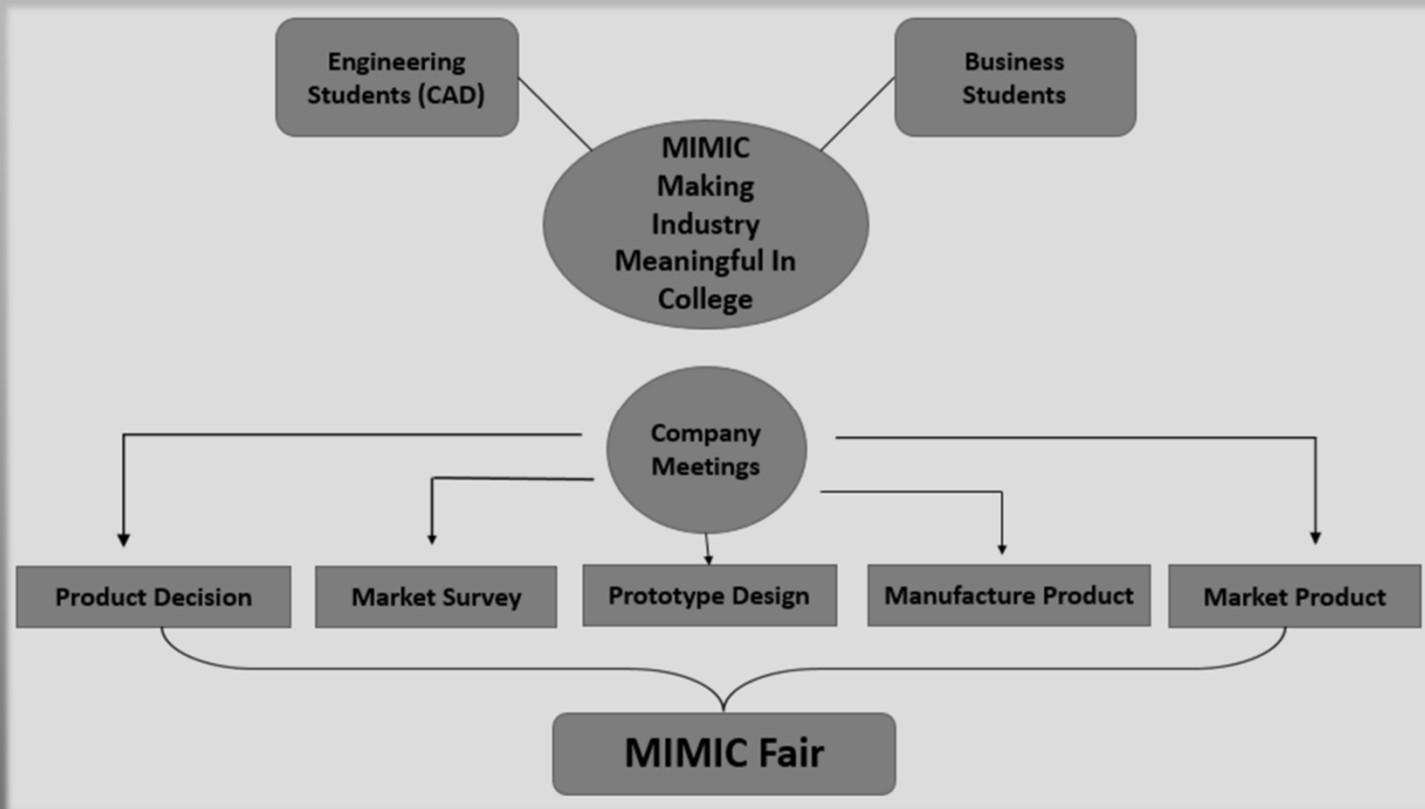
Development



Resources Then and Now



Implementation



Implementation



From Concept to Design



Implementation



Weekly Business Meetings



Implementation



Oral Presentation



Implementation



Production



Implementation



Marketing Campaigns

Find us at the 2014 MiMiC Fair * Main Lobby

Eagle-Eye Games, Inc. presents...

Connect-4-Bass * A new twist on the Bag Toss

Connect-4-Bass is 2 games in 1!
Enjoy the traditional Bag Toss Game
OR Connect-4 Bag Toss

- * Lights for evening play
- * Lightweight and stores easily
- * Includes bags made with recycled material



EAGLE-EYE GAMES

*Long Time * Good Love*
Dorrell Williams * Lisa Hall

Cascading Falls

Spring into MiMiC with Waterworks, Inc.'s Cascading Falls.



\$15.00

Cascading Falls is a tabletop water fountain that's used for both a decoration and a relaxing sensation. Its 9-inch terra cotta clay pot holds an efficient submersible pump and provides a base for a brass rod supporting two terra cotta plates, resulting in a cascading waterfall. Personalize it with your own water plants and decorations to create the perfect gift for Mother's Day.



Implementation



MIMIC Fair



Implementation



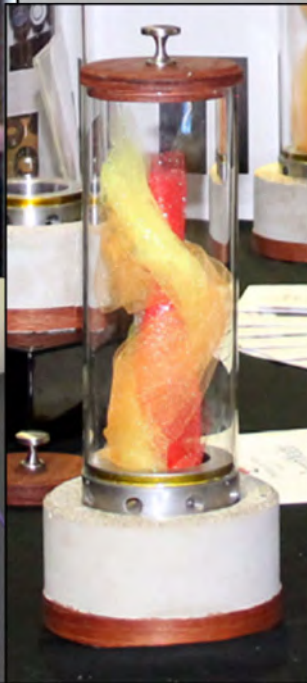
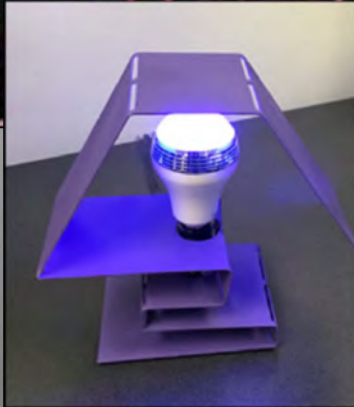
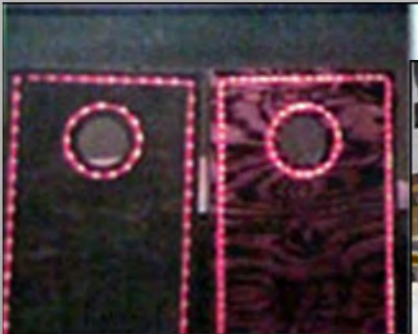
Celebration



Implementation



Products



Implementation



Products



Implementation



Products



Measures of Effectiveness



College Commitment to MIMIC

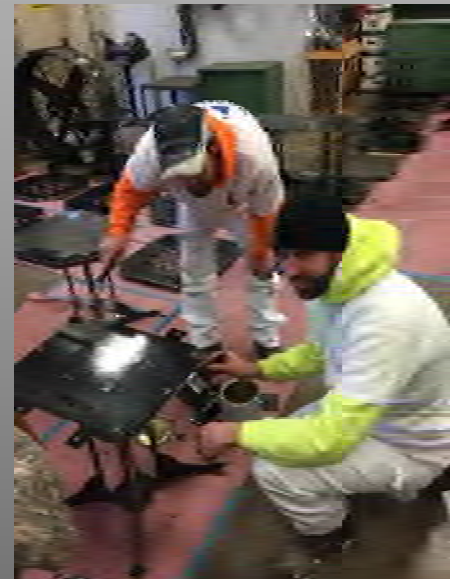
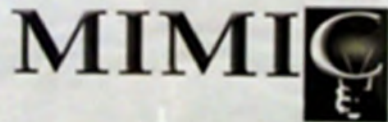


Measures of Effectiveness



Industry Commitment

Thank You,
Mennie Machine Company,
for your generous support
of the 2015 IVCC MIMIC Fair!



Measures of Effectiveness



Conferences and Publications

AWARDS:

1995 Connections Award for Innovative Curriculum Integration from the Illinois State Board of Education

2011 MIMIC Finalist - Bellwether Award.

2006 Best paper award - National Association of Industrial Technology

Measures of Effectiveness



Conferences and Publications

PRESENTATIONS:

- International Colloquium of the American Society for Engineering Education at Tsinghua University in Beijing, People's Republic of China.
- American Society for Engineering Education National Conferences at Salt Lake City, UT; Chicago, IL; Honolulu, Hawaii; and Pittsburg, PA.
- League for Innovation in the Community College national conference in Baltimore, Maryland.
- National Association for Workforce Improvement in Chicago, IL
- Lilly Conference on Excellence in College Teaching at Miami University, Ohio.

- Society of Educators and Scholars International Conference in Louisville, KY.
- National Institute for Staff and Organization Development Conference in Austin, TX
- National Council for Occupational Education Conference in St. Louis, MO.
- Tech Ed Conference in Long Beach, CA



Measures of Effectiveness



Local and National Recognitions



Three men standing in front of a large, colorful, abstract sculpture made of many small pieces.



A person working on a small, intricate mechanical device, possibly a watch movement.

MIMIC Fair planned

Students in the MIMIC program will be showcasing their projects at a MIMIC Fair, scheduled for October 28, 2011, at the University of Ontario Institute of Technology (UOIT). The fair will feature a variety of projects, including a large-scale sculpture made of many small pieces, a mechanical device, and a game.

Tossing a new product in the ring



Matthew Kozlowski, a member of the UOIT team, tosses a large, colorful, abstract sculpture during the Making Industry Meaningful In College (MIMIC) Fair.

MIMIC Fair to showcase original products

By Maureen Loefer and Jacob Steinberg
For Leader Staff Writers

The 10th annual IVCC MIMIC Fair will be held on the 28th of October, 2011, at the University of Ontario Institute of Technology (UOIT). The fair will feature a variety of projects, including a large-scale sculpture made of many small pieces, a mechanical device, and a game.



A group of students working on a project, possibly a game or a mechanical device.

Getting Ready

Students are preparing for the MIMIC Fair, which will be held on the 28th of October, 2011, at the University of Ontario Institute of Technology (UOIT).

la, stephanies@mywebtimes.com, 815-431-4087

drafting classes may want to draw a line, make a profile and the ad is designed.

ave to work with other

at their first job there attempts to coordinate the program at community college aims for that before

work with people who don't think the same way they do," said Dorene and program coordinator of computer-aided engineering. She added to resolve conflicts and practice time management.

MIMIC project teams students in engineering design, electronics student companies to design, produce, market and sell products. C in 1995, MIMIC has been publicized in nationally-distributed texts and at national and international conferences, including the 1995 Engineering Education International Colloquium in Beijing, from 2005 to 2008, MIMIC was supported by a National Science

on this week showed the progress of the student teams — called it produced a Canadian board game, a backwards clock, an IVCC-themed shelf, a light-up chess board and a guitar speaker. A total of 35 students make up students from Perez's, Professor Rick Serafini's integrative business classes and Professor Jim Gibson's electronics classes.

NEWS & FEATURES

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Three instructors make visit to China

By Carole Polster
For Leader Staff

Early in September, three teachers from IVCC traveled all the way to the other side of the world to present the award-winning MIMIC program at an international engineering, education, convention, Electronics



A delegation from Illinois Valley Community College (the photo) including engineering design instructor Dorene Perez, Diana Gibson, engineering instructor Jim Gibson and English instructor Rose Marie Lynch pose alongside a street in China where the bicycles are as much a part of traffic as cars. (Photo at left) Perez is called on stage as part of a performance by Chinese students. (Photo at right) The three instructors pose

to China actually 1 Lake City, Utah, instructors gave a on MIMIC at the convention of the Society for Education. As a presentation, they to present at the 11 convention in 2010. In China, at twenty, they met to from more than 1. During a poster the instructors did college in Beijing ring up something IC project, but can't the project.

h the conference where found time y enjoyed sightseeing places, for e Forbidden City, the Great Wall and Square. They also epping at night and e, along with their here items were e a basket laid on. They also learned a n Beijing, such as e, peace and man e of chopsticks.

IVCC DELEGATION
A delegation from Illinois Valley Community College (the photo) including engineering design instructor Dorene Perez, Diana Gibson, engineering instructor Jim Gibson and English instructor Rose Marie Lynch pose alongside a street in China where the bicycles are as much a part of traffic as cars. (Photo at left) Perez is called on stage as part of a performance by Chinese students. (Photo at right) The three instructors pose

Replication and Scaling



Other Projects Developed From the MIMIC Model

Day Care Camp
Puppet Theater



Edible Car Contest
Rube Goldberg Contest



Testimonials



“MIMIC was the most interesting and the most frustrating educational project of my teaching career. “

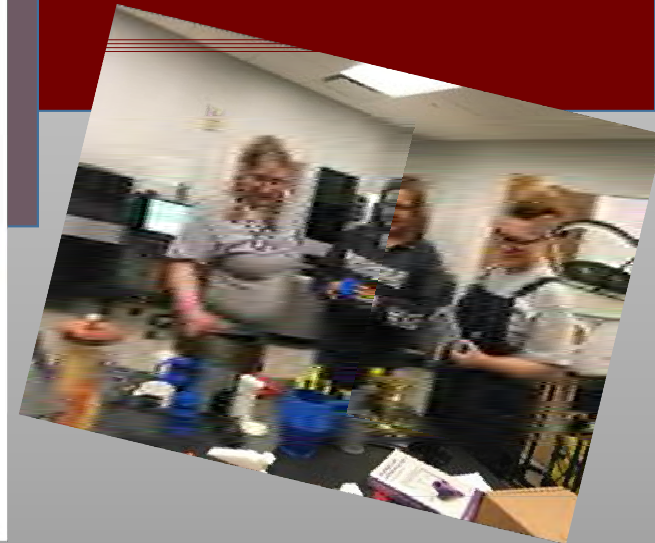
Alice Steljes, Accounting Instructor



“My experiences in engineering design at IVCC and especially MIMIC have been life changing for me”

Jeff Grabil, Caterpillar





Questions??



We Challenge YOU to

Make **I**ndustry **M**eaningful **I**n **C**ollege

Dorene_data@ivcc.edu

