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

MIMIC
Making Industry Meaningful in College

- Engineering Students (CAD)
- Business Students

Company Meetings

- Product Decision
- Market Survey
- Prototype Design
- Manufacture Product
- Market Product

MIMIC Fair
Implementation

From Concept to Design
Implementation

Weekly Business Meetings
Implementation

Oral Presentation
Implementation

Marketing Campaigns

Eagle-Eye Games, Inc. presents...

Connect-4-Balls: A new twist on the Bag Toss
Connect 4 that is 7 years old!

- Enjoy the traditional Bag Toss Game
- Give Connect-4-Bag Toss
- Lights for evening play
- Lightweight and store easily

- Includes bags made with recycled material

Cascading Falls:
A tabletop water fountain that's used for both a decoration and a relaxing sensation. 15 in. desk top units only a few per night at one. The Cascading Falls unit ships safely, easily! Your brand not supporting this form of operation, resulting in a cascading stress battle. Personalize it with your own water plants and decorations to create the perfect gift for women'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!

MIMIC
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
CONFERENCES AND PUBLICATIONS:

- 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
Replication and Scaling

Other Projects Developed From the MIMIC Model

Day Care Camp
Puppet Theater

Edible Car Contest
Rube Goldberg Contest
“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 Industry Meaningful In College

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