



CASE

CASE WESTERN RESERVE UNIVERSITY

An Employer's Guide to the



Master of



Engineering and



Management Program

Introducing the Business Savvy Engineer..



Business-Minded Engineers

To receive admission, MEM candidates bring job experience, co-op, and/or an internship in industry. MEM students build on those experiences through the program and are ready at graduation to...
Hit the ground running...



Leadership & Entrepreneurial Skills

Innovation

ENGINEERING ENTREPRENEURSHIP;
PRODUCT AND PROCESS DESIGN,
DEVELOPMENT AND DELIVERY

MEM Core Curriculum

Management

ACCOUNTING, FINANCE AND
ENGINEERING ECONOMICS;
PROJECT MANAGEMENT;
UNDERSTANDING PEOPLE AND
CHANGE IN ORGANIZATIONS;
PROJECT MANAGEMENT

Engineering

INFORMATION TECHNOLOGY
AND SYSTEMS; MATERIALS AND
MANUFACTURING PROCESSES;
STATISTICS AND QUALITY;
DESIGN FOR MANUFACTURING



Prepared for the Challenges of the Global Marketplace

Understanding the challenges encountered by engineers and managers, MEM graduates are comfortable in their communication with both, and can effectively lower the barrier between the two roles often found in industry.

MEM students learn the key components in evaluation and development needed to successfully triage and commercialize technology innovations.

Picture: Mike Swickrath displays a two-dimensionally patterned microfluidic chip facilitating economical chemical diagnostics.



Engineering with a Commercialization Toolkit

A Sample of Positions MEM Graduates Have Been Hired in Industry...

- | | |
|---------------------------------|--|
| Application Specialist | Manager, Specialty Product Service |
| Assistant Operations Manager | Marketing and Business Analyst |
| Business Development Specialist | Operation Leadership Development Associate |
| Business Systems Analyst | Operations Team Leader |
| Decision Analyst | Patent Examiner |
| Division Program Manager | Regulatory Affairs Associate |
| Enterprise Architect | Solutions Developer |
| IT Manager | |

Your Options as an Employer to Interact with MEM Students...

Design Project

Occurring over one academic year (fall-spring semesters), real-world industry partners propose a product/process design and development project executed by MEM students on cross-functional teams.

Commercialization Assistant

A highly dynamic internship (10-20 hours a week) for 5-12 months for the best, brightest, and most highly motivated students to assist in product development and commercialization at your company.

Employment

To interview a MEM graduate contact the Case Career Center 216-368-4446 or review graduate resumes at www.mem.edu at the Employers link.

Share Your Experience and Expertise

Interact by being an industry guest lecturer, or hosting a plant tour for selected courses.

Master of Engineering and Management

The Master of Engineering and Management (MEM) degree program is a 12 month (summer, fall, and spring semesters), 42 credit program specifically for engineers who have recently graduated with BS degrees. The program was launched based on a call from industry for universities to graduate engineers that understand issues central to businesses along with having strong communication skills and significant experience working in teams.

- Only MEM program with an Integrated Curriculum
- Courses co-taught by faculty from the Weatherhead School of Management and the Case School of Engineering
- Enrollment increased by 40% for summer 2006
- Positive response from industry with overall 85% placement of students by graduation



TiME

The Institute for the Integration of Management and Engineering at Case Western Reserve University was launched in 2000 to provide a framework at the university for merging talents and resources at the Schools of Engineering and Management.



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The Institute for Management and Engineering

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