

# Marshall Issen MSIB, PE

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## PROFILE

College Instructor with a variety of work and teaching experiences including over ten years in project engineering management experience and over seven years of professional teaching experience. Professional career of 17 years in a variety of engineering, project management, marketing, and sales positions. Teaching career includes courses in Project Management, Senior Capstone Design, Sophomore Honors Project, Economics and Accounting to traditional and non-traditional students, possessing a varied background, skills, culture and learning styles. Teaching methods developed for face-to-face, online and hybridized classroom settings.

## EDUCATION

**1997 Roosevelt University**  
**Chicago, IL**

**Master of Science, International Business**

- Concentration in Japan and Japanese culture
- Graduated With Honors

**1983, University of Illinois**  
**Urbana, IL**

**Bachelor of Science, Mechanical Engineering**

- Co-Operative Education Certificate
- Pi Tau Sigma – Mechanical Engineering Honors Society
- Graduated With Honors

## ACCREDITATION

Registered Professional Engineer – State of Illinois (062.043483)

## PROFESSIONAL MEMBERSHIP

National Society of Professional Engineers  
Project Management Institute  
Order of the Engineer

## TEACHING EXPERIENCE

**Instructor**  
**2009 – Present**  
**Clarkson University**  
**Potsdam, NY**

- Sophomore Honors Project Course (HP200/201)
- Project Management (OM/EM 480), Strategic Project Management (OM680 and ES510) and E&M Senior Design (ES456)
- Developed new version of Project Management course for CUSB
- Develop online version of Strategic Project Management (ES510)
- Developed hybrid course in Strategic Project Management

**Instructor**  
**2005, 2009 – 2011**  
**State University of New York**  
**Canton, NY**

- Macro Economics (ECON 101) and Accounting (ACCT 101)
- Developed course – American Economic History (ECON 105)
- Developed Hybrid Accounting course

**Professional Tutor**  
**2004 - 2009**  
**SUNY Research Foundation**  
**Canton, NY and**

- Tutored students in a variety of business, accounting, finance and economics courses
- Coordinated tutors and tutoring practices in the Business and Accounting Tutoring Laboratory

**NY State Department of Vocational and Educational Services For Individuals With Disabilities**  
Potsdam, NY

- Worked one-on-one with students qualified under NY State's VESID program
- Tutored in a variety of business, math and science courses

**Upward Bound Tutor and Instructor**  
2008  
SUNY Research Foundation  
Canton, NY

- Tutored high school students that were part of Upward Bound
- Develop class for Upward Bound Summer Program based on Clarkson's K-12 course on "Transportation Systems of the Future."
- Developed additional educational activities for students

**Substitute Teacher**  
2003 -2008  
Various school districts  
St. Lawrence County, NY

- Taught technology, business, math, and sciences courses in grades K through 12
- Hired for several long term assignments with BOCES

## **PROFESSIONAL EXPERIENCE**

**Manager, Subsurface Investigations**  
2006  
Atlantic Testing Laboratories  
Canton, NY

- Managed multiple projects involving teams of drilling operators that were in the field conducting subsurface investigations
- Responded to RFP and other bid opportunities
- Wrote technical reports of investigations
- Developed sales and marketing strategies for division

**Technology Transfer Officer**  
2003  
Project Manager  
2000 -2002  
Clarkson University  
Potsdam, NY

- Marketed technology created from research at Clarkson
- Developed a technology transfer processes and procedures
- Managed the installation of donated semi-conductor wafer processing equipment
- Worked on special projects as assigned by the Deputy Director of CAMP

**Senior Account Executive**  
2000  
**Senior Associate Manager**  
1997 -2000  
**Engineering Group Leader**  
1992 -1997  
**Senior Project Engineer**  
1987 - 1992  
**Project Engineer**  
1983 -1987  
**Underwriters Laboratories, Inc.**  
Northbrook, IL

- Developed and managed Balanced Scorecard Project, tracking UL's Global Sales Force
- Project Manager for implementation of contact management software
- Managed UL's tradeshow program, telesales group, and contract administration office with a staff of 16 and a \$2.5 million budget
- Managed engineering group responsible for several hundred testing projects for UL customers
- Represented UL as a technical advisor to the National Propane Gas Association
- Represented UL on several national and international codes and standards organizations (NFPA, ASTM, ASSE, ANSI, CGA)
- Responsible for regularly managing multiple projects of various sizes, scopes and costs
- Created, maintained and updated over 75 UL Standards for Safety

**Co-Op Engineer**  
**1978 -1983**  
**Motorola Inc.**  
**Schaumburg, IL**  
**Chicago Transit Authority**  
**Chicago, IL**

- Designed assembly and test fixtures for cell phones
- Designed and tested mechanical components of cell phones
- Developed troubleshooting procedure for transit railcars
- Investigated bulkhead failures on refurbished bus chassis

## **FUNDED RESEARCH**

**Proctor and Gamble**

- Co-PI of grant from P&G through the Greater Cincinnati Foundation, \$10,000 grant was awarded to support Excellence in Project Management Education

## **DIRECTED STUDENT LEARNING**

**Undergraduate Student**

- Ahmed, Karim; “Developing a Performance Measurement Framework for NGO Programs: A Nicaraguan Human Capacity Training Case Study” Honors Program Reviewer, Spring 2018
- Matthew Crow;” StairSafe LLC Business Plan” Honors Program Reviewer, Spring 2019
- RAPS Session Chair, Spring 2019

## **PUBLICATIONS**

**Project Management Institute**

- Guidelines for Undergraduate Project Management Curricula and Resources, Vol. 1: The Curriculum Framework, 1/15/15

**Underwriters Laboratories, Inc.**

- Standard For Safety for Low Level Path Marking Systems UL 1994
- Standard For Safety for Overfilling Prevention Devices, UL 2227

**National Fire Protection Association, Inc.**

- Standard For Vehicular Gaseous Fuel Systems, NFPA 52 - 1996
- Standard For Liquefied Petroleum Gases, NFPA 58 - 1996

## **PROFESSIONAL DEVELOPMENT**

**Clarkson University**

- RISE Faculty Training in online course development, Summer 2020
- QM Quality Matters Workshop on Online Course Development, Summer 2017

**Online Learning Consortium**

- Attendee and Session Chair at OLC Accelerate 2016

**Bucknell University**

- Project Catalyst – How To Engineer Engineering Education Attendee, Summer 2015

**Project Management Institute**

- Invited participant and contributor to the UGCR Committee on Project Management fundamentals curriculum development; Summer 2012, Fall 2012, Summer 2014, including sponsored trip

and honorarium to present teaching practices and methods at a Paris, FR workshop.

**SUNY Canton**

- “The College Fear Factor” - Teaching Circle, Spring 2010

**SUNY Plattsburg**

- The Joy of Teaching Conference and Seminar, Spring 2009, 2010

**Miller-Heiman Sales  
Performance Company**

- Strategic Selling
- Conceptual Selling

**American Management  
Association**

- Management Skills for New Supervisors
- Advanced Marketing Management

**UL University**

- Quality Assurance
- Leadership Today
- Customer Relations – Foreign and Domestic
- Giving and Receiving Constructive Feedback
- Fault Tree Safety Analysis
- Plastics in Electrical Products

**Clarkson University**

- Customer Service Excellence Training
- Fire Safety Training
- Internet and Security Safety Training

## **PROFESSIONAL PRESENTATIONS**

**National Propane Gas  
Association of Mexico  
Cancun, Mexico  
Annual Meeting, 1995**

- Propane Safety Standards of the United States and Mexico, US and UL Safety System Overview, Spring 1995. Bi-lingual presentation in English and Spanish.

## **SERVICE**

**Clarkson University**

- The Order of The Engineer Committee, 2017 to present
- MSEM Program Committee, Faculty Member, 2015 to 2019
- MSEM Application Review Committee, Committee Member, 2014 to 2018
- Meet occasionally with prospective E & M Students, 2012 to present
- Honors Program Student Interviewer, 2013 to present
- Faculty Advisor, Alpha Kappa Psi – Clarkson’s co-ed Business Fraternity, 2010 to present
- Freshman Reading Program, 2010 to present
- E & M Awards Committee, Committee Member, 2010 to present
- E & M Curriculum Committee, 2010 to Present
- Marketing Committee Chair for “Celebrate Love” event, Feb. 2011
- Safespace Committee Member, 2010 to present
- Commencement Attendee, 2010 to present

## **Local Community**

- Convocation Attendee, 2010 to present
- Reachout Of St. Lawrence County – Crisis Hotline Volunteer, 2005 to present
- Potsdam Food Co-op – Core Volunteer Worker, 2001 to 2018
- Potsdam Food Co-op Treasurer and Executive Board Member, 2018 to present.
- St. Lawrence Bowfishing Championship Committee, Vice Chair and Treasurer
- Hogs For Hummanity Volunteer-Coordinator, 2015 to 2017

## **AWARDS/ACHIEVEMENTS/CERTIFICATES**

### **Clarkson University**

- Respect Star Award - 2012/2013
- Respect Award – 2011/2012
- Clarkson’s Safe Space Program - 2010

### **Reachout of St. Lawrence County**

- Trained Volunteer
- Certified Trainer
- ASIST (Advanced Suicide Intervention Skills Training) Certified

### **St. Lawrence County**

- First Responder Certificate

### **SUNY Canton**

- Letter of Appreciation –Office of Accommodative Services, 2006
- Golden Apple Award, 2010

### **PADI**

- Advanced Open Water Certification