

Loren S. Evers
Stillwater, Minnesota, USA
Email: loren@insidethecomputer.com
Portfolio: <http://www.theteachingbox.com>

Career Objective

I am a [Mechanical Engineer](#) by trade. I have over twelve years of experience as a manufacturing engineer training people on production methods and systems. My engineering career has allowed me to have the roles of both Engineer and Educator.

I am now looking to leverage my education and experience as an adjunct faculty member at a respected educational institution. My Masters degree coupled with my certification in postsecondary education gives me the qualifications to teach in many areas of engineering and technology.

Education

- [Certification, Postsecondary Education](#) (2008) – Bethel University, St. Paul, MN
- Master of Science in Manufacturing Systems (2000) – University of Minnesota
- Bachelor of Science in Mechanical Engineering, Minor in [Archaeology](#) (1996) – University of Minnesota
- Associate of Science Degree (1990) – Excelsior College, Albany, NY
- United States [Naval Nuclear Power School](#) (1985) – US Naval Training Center, Orlando, FL

Teaching and Training Experience

Teaching Assistant (2008) – Effective Teaching Online COMM722
Bethel University <http://www.bethel.edu>

- Assist professor in management of online course using Blackboard Course Management System
- Moderate online discussion board
- Produce online educational materials using html and multimedia technologies
- Assist in grading course assignments and projects

Senior Manufacturing Engineer (2004-Present) – [Biomedical Silicone Molding](#)
Medtronic CRDM (Cardiac Rhythm Management) <http://www.medtronic.com/crm>

- Technical lecturer at the annual Medtronic Science and Technology Conference
- Train engineers and technicians on processes used to mold human implantable biomedical product
- Teach the utilization of [5S](#), [Lean](#) and [Six Sigma](#) tools to improve manufacturing systems

Volunteer Teaching Assistant (2006-Present) – ESL Teaching and Outreach Program
Minnesota English Academy <http://www.mnenglishacademy.com>

- Assist program coordinator in teaching duties
- Prepare lesson plans and teach English as a Second Language to adult students
- Provide one on one instruction in conversational English to individual students

Senior Manufacturing Engineer (2000-2004) – [Automated Optical Inspection Systems](#)
CyberOptics Corporation <http://www.cyberoptics.com>

- Develop procedures and provide training to assemblers and technicians on production floor
- Train engineering and production personnel on ISO systems and Laser Safety

Manufacturing Engineer (1996-2000) – [Particle Detection and Counting Instruments](#)
TSI Incorporated (Particle Instrument Division) <http://www.tsi.com>

- Assisted Training Coordinator in training of production personnel.
- Performed training on personal computer operation to company personnel.
- Taught in local school Junior Achievement Program
- Developed curriculum and trained company personnel on ISO 9000, Regulatory, and Safety Issues

Nuclear Machinist Mate First Class (E-6) (1984-1990) – [Naval Nuclear Propulsion Systems](#)
United States Navy (USS Nimitz CVN-68) <http://www.nimitz.navy.mil/>

- Reactor Plant Supervisor – responsible for operation training on ships power systems
- Divisional Training Coordinator – performed training on ship systems to personnel
- Divisional Section Leader – supervised and trained up to 15 mechanics in reactor plant maintenance
- Certified to perform and train QC and Quality Audits of nuclear components and systems

Teaching Interests

- Online course development technologies and teaching methods
- Manufacturing Engineering and Quality System tools such as [5S](#), [Lean](#) and [Six Sigma](#)
- Biomedical manufacturing process development, qualification and validation
- FDA Quality and Compliance Systems (21 CFR Part 820 as well as 210 and 211)
- Micro manufacturing technologies
- Injection molding using silicone rubber and thermoplastic materials

Skills and Accomplishments

Online and Computer Technical Skills

- [Blackboard](#) and [Moodle](#) Course Management Systems
<http://www.theteachingbox.com/moodle> (log in as guest to view sample course material)
- [Joomla](#) Content Management System and Web Application Framework
<http://www.theteachingbox.com> ; <http://www.insidethecomputer.com>
- [MySQL](#) Database creation and [PHP](#) server side scripting as applied to Web applications

Publications

Evers, Loren. "Silicone Moulding in the Biomedical World – The Game Has Changed." [Micro Manufacturing](#) 2008: 50+.

Academic References

Dr. Leta Frazier, Professor and Director, Postsecondary Teaching Certificate Program
Bethel University – fralet@bethel.edu

Dr. Bob Kistler, Professor and Lead Faculty IT Consultant and Internship Mentor
Bethel University – kisrob@bethel.edu

Prof Philip Frazier, Adjunct Assistant Professor
Bethel University – fraphi@bethel.edu