

Michael J. Miller

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Recognized for being a strong leader and results orientated individual throughout my career. Have proficiency in problem solving, statistics and quality systems. Solid organizational, communication, and time management skills. Able to identify and adapt to innovative solutions. Have proficient knowledge in electronics, manufacturing and process control.

----- Core Competencies -----

- ASQ Certified Six Sigma Black Belt
- Created and currently manage a lab for reliability testing
- Developed and implemented corporate Statistical process control system (iSPC)
- HTI Corporate champion for 8D (8 disciplines of problem solving)
- Designed and implemented an automated data management system for internal and external use
- Coordinated startup activities and training for manufacturing facility in Ayutthaya Thailand
- Supervised a technical support department with up to 55 reports.
- Instructor for Multiple course competencies at UW Stout
- Lead project that increased HTI's customer capability compliance from 80% to 100%
- Certified HTI instructor, Courses include:

Statistical Process Control	Applied Quality Fundamentals	Total Productive Manufacturing
Problem Solving	8D problem solving	Measurement Systems Analysis
Design of Experiments	Quality tools and philosophies	FMEA
- Incorporated updated electrical test system for WD products that saved over \$1.2M per year.
- Developed Programmable Logic Controller course curriculum and labs for the Engineering Technology department at St. Cloud State University

----- Professional Profile -----

Hutchinson Technology Inc. Eau Claire, WI

2006 - Present

Manufacturing Engineer/six Sigma Consult

Part of the Quality Systems department responsible for variable data structures and reporting systems throughout the company. Called in to lead or consult on projects with large corporate impacts.

- Responsible for corporate training on problem solving, statistics, and process control, includes training Manufacturing Engineering staff in Thailand on problem solving and quality systems
- Set up quality systems for new and existing programs within the company
- Train, validate and update our current control systems to manage and improve outgoing quality
- Create tracking systems and tools for use in monitoring efficiency, yields and utilization
- Assist customer quality teams when complex issues when they arise
- Write and implement corporate quality procedures

Assembly Manufacturing Engineer

Responsible for the development and improvement to the manufacturing process using yields, utilization, efficiency, pass rates, and non conformance as indicators. Areas covered include forming, shearing, UTA, and suspension adjust.

- Identify, justify, and manage mid to long term projects improving current metrics such as defect pass rates, yields, utilization, and efficiency.
- Work on customer issues and internal and external failures by identifying root cause and implementing solutions.
- Put together cost justification and project presentations for multiple audiences including executive team.
- Coordinate with other sites on product startups, including equipment/process transfers to Eau Claire.
- Coordinate problem solving efforts with all departments including Engineering, Measurement, Tool room, QE, Support, Manufacturing, and Design.
- Work with other sites and departments on global issues affecting the process.
- Design testing to isolate deficiencies and identify best solution.

University of Wisconsin: Stout Menomonie, WI

2011 - present

Associate Lecturer for the Engineering Technology Department

Currently and instructor for multiple electronics manufacturing classes

- Courses include: Plastics processing, Electrical interface devices, Circuit Analysis, Solid state electronics, Digital electronics, Statics/Dynamics (Mechanics of Solids)

Hutchinson Technology Inc. Eau Claire, WI

1997 - 2006

Department supervisor over Manufacturing Support Technicians And Measurement Specialists

Managed the support department which included engineering technician, maintenance technician, and measurement specialists. The department had 56 reports of which 10 were direct. Responsibilities included providing short to mid term projects that made improvements to the manufacturing floor along with general troubleshooting.

- Consolidated and organized the support structure to combine the Maintenance and Manufacturing Support departments
- Hired and trained Technicians and Measurement Specialists to be proficient in their responsibilities.
- Facilitate multi-department status meetings
- Provide equipment and training to maintain departmental safety standards.
- Plan and forecast department needs including project, equipment, personnel, training, and overtime.
- Develop and maintain efficient preventive maintenance programs.
- Coach group leads on leadership, problem-solving, and teamwork skills.
- Identify and implement process improvements using analysis tools and statistics.
- Direct employee, communication, training, and developmental skills.
- Work closely with manufacturing and engineering to achieve product cost models.
- Coordinate new product transfers, qualifications, and start ups.

*** Have worked in Manufacturing since 1987

----- **Education History** -----

University of Wisconsin Stout - Menomonie, WI
Perusing Masters in Technical Education

St. Cloud State University - St. Cloud, MN
BS, Engineering Technology
Electronics and Quality

Hutchinson Technical College - Hutchinson, MN
Associates in Math and Physics

Hutchinson Technical College - Hutchinson, MN
Diploma, Metrology (Science of precision measurement)

Wright County Cooperative Center - Buffalo, MN
Diploma, Electronics