

Glen Edward Carnahan

Gecs10@aol.com

School Residence

204 B Novello (111)
Storrs, CT 06269-3078
Cell: 303-910-0799

Permanent Residence

12559 Maria Circle
Broomfield, CO 80020

Objective: Opportunity with a hands-on Engineering position with emphasis on operations, cost efficiency, quality control, and process/product engineering to utilize problem solving and teamwork capabilities.

Education: University of Connecticut, Storrs, CT
Bachelor of Science, **Management and Engineering for Manufacturing**
GPA 3.63/4.0 Dean's List (expected Spring 2007)
www.engr.uconn.edu

Relevant Courses

Manufacturing Systems	Strategy, Policy, and Planning Management
Production Engineering	Industrial Quality Control
Manufacturing Automation	Computers in Manufacturing
Design of Machine Elements	Managerial and Financial Accounting
Mechanics of Materials	Business Finance

Experience: Danaher Corporation

- Attributes: \$8.0 billion in revenue (DHR), one of Forbes "Best Managed Companies of 2005"
- Danaher Business System (DBS) – Danaher's driving force for constant continuous improvement in all aspects of the business, through lean manufacturing tool training and execution

Gems Sensors & Controls, Inc. Plainville, CT

- Attributes: \$66M sales with a build to order of high variety and low-mid volume, 12K customers, 100 assembly cells, ISO9001

Mfg. Engineer Summer Internship (May – August 2006)

Project 1: Reduce warranty returns due to reversed logic assembly errors by 75% from Quarter 1, impact on quality, delivery, and cost / productivity

- Collect & analyze data to determine Pareto problems
- Conduct research to identify root cause
- Developed action plan driving root cause problem solving execution

Actions Taken:

1. Developed and delivered training course with test, trained 100% of associates focusing on largest Pareto assembly errors, worked individually with uncertified associates, data sheet to monitor certified and uncertified associates, future use on new associates prior to assembly work
2. Poke-yoke fixtures designed and implemented for highest Pareto items
3. Improved cell visuals for easier understanding

Result:

- Before (1/106 – 6/20/06) = 88 returns
- (6/21/06 – 8/2/06) = 0 returns

Project 2: Reduce time spent cleaning epoxy off plastic threads by 50%, impact on safety, quality, and cost / productivity

- Data not currently available – introduced data collection sheet
- Collect & analyze data
- Root Cause investigation
- Solution experimentation
- Payback analysis for proposed solutions vs. current process
- Worked with associates and quality department to identify optimal solution

Action Taken:

1. Implemented new cleaning solution

Result:

- Improved Safety – better tool design
- Improved Quality – Eliminated quality risk as associated with old tool
- Improved Cost – New syringe tips reduced fallout, time, and rework

Kaizen Experience:

- Intensive week long events, including Lean tool training and execution of learned principles focused on specific strategic related improvement objectives
- Standard Work Training, Root Causes Training, 5S, and Project Management Training
- LS300 Assembly Cell Shingijutsu Standard Work Kaizen
 - Implemented standard work, improved 5S of area to medical customer expectations, implemented one-piece flow
 - Japan's Shingijutsu Corporation (Lean Manufacturing Consultants)
- LS-700 High Volume Assembly Cell Standard work Kaizen
 - Implemented Standard Work including one-piece flow, 5S and cell re-layout to support changing customer demand

Counseling Program for Intercollegiate Athletes

@ University of Connecticut

Storrs, CT

Tutor

(January 2005 – Present)

- Developed proper communication skills to explain and teach in a way my tutees would understand
- Help intercollegiate athletes develop good study habits and techniques

University of Connecticut

Storrs, CT

Student Maintenance

(May 2005 – August 2005)

- Developed good time management skills to complete and delegate various odd jobs in a work day
- Facility Maintenance and Clerical Work

Accomplishments:

Academics

- Golden Key International Honor Society
- Tau Beta Pi Honor Society
- Fall 2006/Spring 2007 United Technology Corp Engineering Scholarship
- Fall 2006/Spring 2007 Irwin Tech Business Scholarship
- 2004 -2006 Donald Hempel Memorial Scholarship recipient
- 2004 Herbert T. Clark, Jr. Award for excellence in the classroom for UConn's Men's Soccer.
- Fall 2003 to Fall 2006 Dean's List for School of Engineering and/or Business.

Athletic

- 2005 Big East Regular Season Champions
- 2004 and 2005 Big East Men's Soccer Tournament Champions
- 1999 and 2002 High School State Champions Class 4A

Hobbies:

Soccer, run, bike, hike, fish, weight training, read, music, staying in shape.

References:

Available upon request