

Elizabeth Guzman

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OBJECTIVE:

- Motivated and fast learning engineering student seeks to obtain a challenging position to implement lean tools.

EDUCATION:

The University of Texas-Pan American, Edinburg, TX

Master in Manufacturing

GPA: 3.800

Expected Graduation: Spring 2009

Bachelor of Science in Manufacturing Engineering

The University of Texas-Pan American, Edinburg, TX

Graduation: Spring 2007

SENIOR DESIGN PROJECT:

- **Workstation for handicapped.** As team we make improvements to an existing workstation to allow people with blind/visually impaired, hearing impaired, paraplegic, and missing (arm) to work in an assembly line. The workstation improvements include sounds, lights, height & reach adjustable dispensers, and part fixture. The workstation may be adaptable to different products.

COURSE WORK:

- Computer Aided Manufacturing
- Computer Aided Design
- Lean Manufacturing
- Fundamental of Industrial Engineering
- Mass Customization
- Engineering Graphics

WORK EXPERIENCE:

The University of Texas-Pan American, Edinburg, TX

Texas Manufacturing Assistance Center

Summer 2007- Present

➤ Projects

- Visit companies to suggest improvements in their production cells and processes.
- Understand client's needs to design layouts.
- Provide training to the companies' workers. Trainings include Lean, VSM, Lean Office, design of cells.
- Go to the company and collect company's papers for ISO 9000 certification.

➤ Training

- Successful Project Management
- Leadership Skill for Managers
- Internal Audit
- Accounting and Finance
- Logistics Inventory management
- Lean Master Certification
- Six Sigma Training

Manufacturing Process Lab Assistance

Spring 2007

- Explain experiment to students and help them while completing it.
- Be sure that students followed safety rules; like wear safety glasses all the time.

Sophomore Academic Mentor

Spring 2007

- Advice and support students during their sophomore year.
- Inform students about scholarships and on campus activities.

HONORS AND AWARDS:

- Study Aboard Scholarship recipient 2004
- Member of SHPE & SME

SKILLS/INTERESTS:

- Bilingual: English/Spanish
- Proficient with MS Office 2003
- Proficient with Pro Engineer Software 2.0 Wildfire
- Effective in team environmental
- Multitask
- Responsible