Michael Petroski

Background Summary

Asst. Professor in College of Business and Management with extensive experience in practical applications of operations, quantitative methods and statistics. Related areas of expertise include:

- · Waiting Lines and Queuing Theory
- · Job Sequencing
- · Quality Control/Statistical Process Control
- · Product Mix Optimization
- · Inventory Optimization
- · Productivity Improvement
- · Decision Analysis

Experience

Lynn University, Boca Raton, FL

1989 to present

- Asst. Professor, College of Business and Management
- · Curricular Coordinator, Computer Science
- · Evening Division Coordinator

Developed/taught Quantitative Methods, Statistics, Operations, Project Management and various computer application courses. Emphasis is on practical application to current business situations.

GammaVision, Miami, FL

1989 - 1996

• Director of Research and Development

Designed/developed/built full matrix electronic signs and moving message boards.

IBM, Boca Raton, FL

1985-1989

 Senior Associate Engineer/Scientist PC Systems Failure Analysis

Applied SPC techniques to all PC manufacturing lines

Analyzed failures to circuit design, component or manufacturing level

Designed/developed automated test and diagnostic equipment

Directed and supported Quality Assurance both on site and in field

Automated Packaging and Warehousing
Designed/developed/installed PLC based packaging
and warehousing systems
Designed/developed automated and semiautomated assembly lines and workstations
Developed maintenance and maintainability plans
for all PC assembly lines and equipment

IBM, East Fishkill, NY

1980-1983

• Intern – Electrical Engineer Thin Films Research

Explored viability of ion-beam and magnetron technologies as part of automated semiconductor fabrication processes

· Component Vendor Assurance

Designed and developed circuits to interface lab computers to test chamber power and temperature controllers

· DRAM Test and Qualification

Designed and developed automated test systems for DRAM memory devices

Education

MS Electrical Engineering, Lehigh University, Bethlehem, PA

BS Electrical Engineering, Lehigh University, Bethlehem, PA 1983

1985