

## Management, Quality and Manufacturing

In this economy it is more important than ever to be informed of the latest industry practices. Our comprehensive programs are designed to develop a highly skilled, knowledge-based workforce.

**Courses are offered at a variety of convenient times, at our location or yours.**

To help you meet the demands of an ever-changing business landscape, Stony Brook University's Center for Emerging Technologies is constantly developing new courses, and can customize any program to address your specific industry needs. Contact us if you do not see a program that suits your workforce.



**Call now for a free on-site training assessment and let Stony Brook be your partner in workforce development.**



**Stony Brook University**  
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University at  
Stony Brook



# Excellence in Manufacturing

- ▶ Strategic Planning
- ▶ Management Development
- ▶ Manufacturing Practices
- ▶ Lean Manufacturing
- ▶ Quality Standards (ISO 9001:2000, AS9100A)
- ▶ Performance Metrics
- ▶ Logistics and Supply Chain Management
- ▶ Technician Certification
- ▶ Customer Quality

**Stony Brook University**  
**Center**  
**for Emerging**  
**Technologies**

# Management, Quality and Manufacturing Programs

## Quality Standards Series and Certificate Program

- ▶ ISO 9001: 2000  
Transition and Implementation  
ISO Documentation and Procedure Writing  
ISO Executive and Workforce Overview
- ▶ AS9100A Overview and Implementation
- ▶ Internal Auditing      ▶ Compliance Auditing
- ▶ Training Control      ▶ Calibration
- ▶ Inspection Function

Program length is from 2 to 40 hours. All courses are taught by industry professionals and are designed to keep your company competitive.

## Management Development Programs

- ▶ Customer First Culture
- ▶ Process Improvement Teams
- ▶ Supervision and Management
- ▶ Business to Business Marketing
- ▶ Technical Writing and Presentations
- ▶ Leadership and Emotional Intelligence

Through our courses, participants explore the importance of customer service, supervising and managing effectively, and tackling actual organizational problems with team-based solutions.

## Lean Manufacturing

- ▶ Value Stream      ▶ Waste
- ▶ Flow      ▶ Tact Time
- ▶ Cellular Manufacturing      ▶ Kanban
- ▶ Pull Systems      ▶ Benefits
- ▶ Poka-Yoke      ▶ TPM
- ▶ Set Up Reduction      ▶ Five S's
- ▶ Radical Improvement (Kaikaku)
- ▶ Continuous Improvement (Kaizen)

## Manufacturing Practices

- ▶ Manufacturing Management Certificate
- ▶ Supplier Partnering
- ▶ Statistical Process Control and Operations
- ▶ Gage R&R
- ▶ Performance Metrics
- ▶ Balanced Scorecard
- ▶ Supply Chain Management
- ▶ Logistics
- ▶ Strategic Planning for Continuous Improvement
- ▶ Inventory and Cycle Counting
- ▶ Manufacturing Technician Certificate  
Trigonometry  
Shop Math/Problem Solving  
Blueprint Reading  
Geometric Tolerancing & True Positioning  
CNC Machining  
CAD/CAM Programming  
CMM Applications  
Introduction to Radar  
Electronics Fundamentals

From basic mathematical skills to developing an integrated manufacturing organization, our Manufacturing Practices courses offer viable training tools for both workers and supervisors. Check [www.licet.org](http://www.licet.org) for complete course descriptions and program listings.

Stony Brook's Center offers a wide variety of classes, workshops and certifications designed to address current technical and workforce issues. Funding may be available for eligible organizations. Group rates are available for companies enrolling 3 or more. Our instructional staff is comprised of industry-leading professionals, and each program is designed for immediate application in the workplace.

**All programs can be held at our site or yours, and can be customized to meet your specific industry needs.**

**For the complete up-to-the-minute 2004/2005 schedule, detailed course descriptions, instructors and registration visit [www.licet.org](http://www.licet.org) or call 631-632-8433.**



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