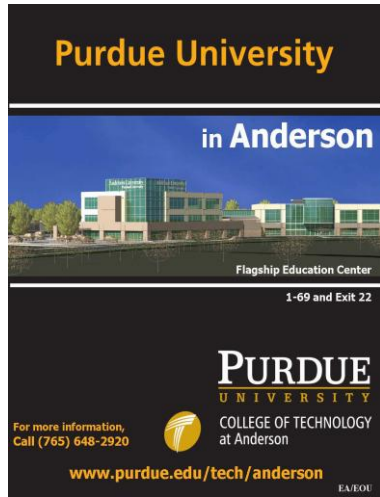


Industrial Technology



Organizations involved in Six Sigma have seen stunning improvements in their bottom line results.

Dr. Chad Laux is a General Electric, Caterpillar, and ASQ trained Black belt.

Take yourself to the next level.

For More
Information

Purdue University
Anderson

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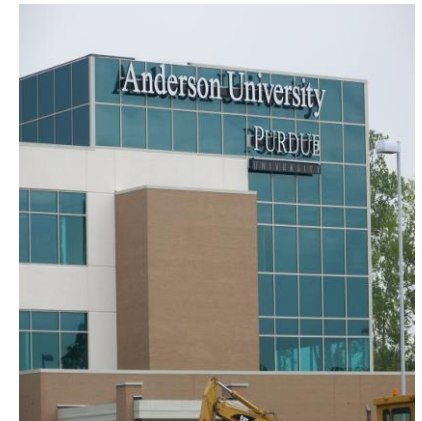


COLLEGE OF TECHNOLOGY

EA/EOU

Purdue University

**College of Technology -
Anderson**



**Industrial Technology
Six Sigma Green Belt**

Phone: 765.648.2920

Industrial Technology Green Belt Program



Dr. Chad Laux, speaking at the National Assoc. of Industrial Technology, Panama City, FL 2007

Overview

Six Sigma is a disciplined, data-driven approach and methodology for eliminating defects to improve any process, in manufacturing or services. After General Electric, Motorola and Allied Signal adopted it, thousands of companies worldwide have discovered the benefits of Six Sigma. By offering Green Belt training at Purdue University, a world-class research and teaching institution, you will develop skills that takes advantage of the Industrial Technology (IT) program at Purdue and the power of Six Sigma. Unlike other Green Belt programs, our program incorporates Lean Enterprise knowledge as part of your education.

Coursework & Training

FIRST MODULE

Industrial Organization (3 credits)

A detailed survey of organizational structures on developing a business plan.

Problem Solving In Manufacturing (3 credits)

Introduction to current problem-solving processes using teamwork, process mapping, and Deming's PDCA.

SECOND MODULE

Industrial Quality Control (3 credits)

Introduction to basic principles of statistical quality control including sampling, measurement and measuring devices, and process control documentation.



Introduction to Lean Manufacturing (3 credits)

Improvement based upon the five principles to eliminate non-value added activities throughout an organizational system.

Green Belt Body of Knowledge

Introduction to project management, creation of a business case and project charters.

Introduction to Six Sigma and the DMAIC methodology measurement systems, analysis, and engineering controls.

Benefits of Green Belt Training at Purdue's College of Technology

Much more face to face contact with our Six Sigma expertise, unlike other GB programs

Completion of a project for 'real world' experience for a documented return on investment (ROI)

College credit that applies to Purdue University Industrial Technology Bachelor of Science degree and Industrial Technology Certificate
Student use of Green Belt materials and utilization of Minitab statistical software