

# Ronald C. Lasky, PhD, PE, Professor Dartmouth College

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## Background

Ron is an Instructional Professor of Engineering at the Thayer School of Engineering at Dartmouth College. He is the founder and director of Lean Six Sigma Program there.

Dartmouth is a member of the Ivy League and is consistently rated as one of the premier educational institutions in the world. The Thayer School of Engineering is the oldest professional engineering school in the United States.

Topics taught:

- SPC, DOE, statistics
- Manufacturing processes, materials science, general technology
- Lean & lean six sigma (productivity improvement)

Services / Knowledge Matrix:

Statistics	Productivity Analysis and Improvement
Engineering Analysis	Expert witness services
Mathematical Analysis	Lean Six Sigma
Process Analysis and Improvement	Custom Projects per client requirements

Ron is currently an Instructional Professor at Dartmouth College and a Senior Technologist at Indium Corporation. Prior to these assignments, he had over thirty years of experience in electronic and optoelectronic packaging and assembly at IBM, Universal Instruments, and Cookson Electronics.

He has authored or edited 6 books on science, electronics, and optoelectronics and numerous technical papers and authored articles for Scientific American. Dr. Lasky holds numerous patent disclosures and is the developer of the several new concepts in SMT processing software relating to cost estimating, line balancing and process optimization. He is the co-creator of engineering certification exams in electronic assembly and the Director of Dartmouth's Six Sigma Program. Ron was awarded the Surface Mount Technology Association's Founder's Award in 2003.

He holds four earned degrees, including a Ph.D. from Cornell University in Materials Science. Ron is also a licensed professional engineer.

**Education**

- **Lean Six Sigma Master Black Belt Instructor, Thayer School of Engineering at Dartmouth College**
- **BS Engineering, Cornell University**
- **MS Applied Math, SUNY Binghamton,**
- **PhD Materials Science, Cornell University**
- **PE License New York State**

**Authorship**

- Over 50 papers, 6 books and numerous book chapters on a wide range of technical topics.

**Instructorship**

- Instructional Professor at Thayer School of Engineering at Dartmouth and Lean Six Sigma program (yellow, green, and black belt) on-campus, online, and at client sites.
- Co-developer for the Surface Mount Technology Association's Electronic Manufacturing Process Engineer, International Certification Program.

**Contact Information**

**Professor Ronald C. Lasky, Phd, PE**

Thayer School of Engineering at Dartmouth

14 Engineering Drive

Hanover, NH

ronlasky@aol.com

T: (603) 646-9197