

Blodgett's Welding Design



Course Fee:
\$595.00

2010 Course Dates:
Apr 20 - 23
June 15 - 18
Oct 12 - 15

Blodgett Seminars

For over 50 years, more than 15,000 engineers have attended the Blodgett seminars. This program is for those responsible for reducing costs, improving productivity/quality through the efficient design of steel weldments for metal product applications including machine tools, transportation, material handling, agricultural and construction equipment, structural steel, etc.

What's on the Agenda?

Intensive 3-1/2 day program conducted by welding/design experts on topics essential to steel weldment design for structure and manufactured products, including:

- Basics of Welded Connections
- How to Determine Weld Size
- Details of Welded Connections
- Principle of Connection Design
- Design for Torsional Loading
- Design for Shock Loading
- Design for Fatigue Loading
- Introduction to Fracture Mechanics
- How to Obtain Ductile Behavior
- Welding Metallurgy and Cracking
- Distortion Causes and Cures
- Case Studies
- Nondestructive Testing of Welds
- Cost Reduction Ideas
- AWS and AISC Codes
- Welding Processes
- Welding Demonstrations
- Tour of Lincoln's Machine Division



Seminar Leaders

Omer W. Blodgett, Sc.D., P.E.

Senior Design Consultant

Omer Blodgett's knowledge of welded design, added to his ability to communicate and illustrate it, is recognized throughout the world. For over forty years he has conducted global seminars. His background includes civil, mechanical and metallurgical engineering. Dr. Blodgett is well known as the author of the classic texts *Design of Weldments* and *Design of Welded Structures*, which have been continuously in print for more than three decades.



Duane K. Miller, Sc.D., P.E.

Manager, Engineering Services and Welding Design Consultant

Duane Miller is currently 1st Vice Chair of AWS D1 Structural Welding Code Committee and Chair of the Seismic Welding Subcommittee. He is a former co-chair of AASHTO-AWS D1.5 Bridge Welding Code Committee. He has lectured and conducted seminars around the world and has received numerous awards for his accomplishments. He has authored many papers and magazine articles, as well as two handbooks, on various aspects of welding technology.

