

## About the Instructor

David Lund has more than 30 years of experience in the hydraulics and fluid power industry, working as a systems designer, in technical sales, and troubleshooting. He currently owns his own business, E.F. Orton & Company.



His areas of expertise include design and fabrication of hydraulic power units and systems, tubing installations, manifold and valve systems design, troubleshooting, and start-up. Lund holds the International Fluid Power Society's specialist certification.

Lund's business philosophy, "from concept to completion...undivided responsibility," focuses on an unwavering commitment to the customer.

"From concept to  
completion...  
undivided  
responsibility"



# Fluid Power Hydraulics Basic Training

Presented by E.F. Orton & Company

E.F. Orton & Company

"Specializing in fluid power"

813 Garmon Park Court  
Loganville, GA 30052  
davel@efortonco.com

[www.efortonco.com](http://www.efortonco.com)

A site-specific  
seminar  
that will save  
you time and money

## About the Seminar

Learn the basics of fluid power hydraulics through this three-day customized training program. Unlike other seminars, this course is site-specific, targeted to your plant and your equipment.

By using a combination of pictures and schematics from your facility, you will be able to immediately put to use what you learn.

You begin with in-class instruction and then move into hands-on work out in your facility.

The instructor is flexible, offering on- or off-site training opportunities, days, nights or weekends.

## Register Today

To learn more about Fluid Power Hydraulic Basic Training, contact E.F. Orton & Company:

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770-267-5226  
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## Seminar Content

The following topics will be covered in this seminar:

- Physical world of a machine
- Force transmission through a fluid
- Energy transmission using hydraulics
- Control of hydraulic energy
- Gas characteristics
- Control of pneumatic energy
- Hydraulic pumps
- Check valves
- Flow controls
- Directional control valves
- Hydraulic pressure control valves
- Hydraulic pilot operated pressure control valves
- Hydraulic Reservoirs
- Air Preparation
- Fluid Conductors & Connectors
- Importance of oil filtration
- Troubleshooting Hydraulic Equipment
- Interpreting Hydraulic Schematics

## Instructional Materials

The Industrial Hydraulic Technology book series, published by Parker Hannifin Corporation, will be provided to each participant. In addition, the instructor will supply binders with color pictures of your facility's equipment.

Large print outs of the facility's schematics and cut-aways will also be used during the seminar to give you hands-on practice.

At the end of the course, your facility will receive a CD with all photos and diagrams, as well as a copy of the presentation used during the course.

