



Hydraulic System Modeling and Simulation One-Day Course

In today's competitive environment, computerized design is critical.

To properly use the computer in the design process, software tools and methods must be available along with an adequate skill in their application. The virtual laboratory concept provides the foundation to effectively apply computerized methods.

This 1-day course is designed to provide the basic understanding of the computerized methods that are used in the virtual laboratory concept. Beginning with the fundamentals of fluid dynamics and the fluid and mechanical element models, this course goes on to cover solution methods and the effective use of digital computation and simulation. The extremely important model verification and test procedures are discussed as well as other valuable concepts.

Each attendee will . . .

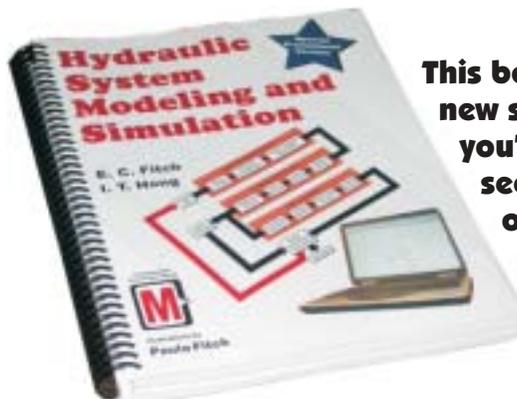
- Learn the latest comprehensive line modeling techniques
- Learn solution methods for steady state and dynamic analysis
- Learn the virtual laboratory approach to system modeling
- Discover the use of static performance graphs to pictorially show the compatibility of system components
- Be presented with an updated design theory for hydraulic systems
- Attain a mathematical description of a physical system

This course is designed for

- Design Engineers
- Component Developers
- System Designers
- Application Engineers
- Technical Specialists
- Consultants
- Technical Educators
- Any technical person who wants to enhance their design skills

As an attendee you will receive

- A special seminar version of the recently published book by E. C. Fitch and I. T. Hong entitled *Hydraulic System Modeling and Simulation* (see the complete Table of Contents on our website).
- A lunch valued at \$20 each day of the course.



This book has new stuff you've never seen in any other book. It's definitely a "must have."

If you're looking for that one thing that will give you a competitive edge, then come to this seminar.

Don't be left in the dust, or out-of-the loop. Find out the secrets that others haven't been willing to share.

Detroit, Michigan
October 27, 2005

Chicago, Illinois
December 8, 2005

A Circle of Knowledge

Among our many resources is a valuable research archive that extends over 50 years, a vast variety of technical advisors in the industry, and an intimate understanding of standard engineering practices. This knowledge base provides the foundation for the numerous books published by BarDyne, Inc. Please visit our website for more information--www.BarDyne.com.



Dates and Location

- Detroit, Michigan—October 27, 2005
- Chicago, Illinois—December 8, 2005

Course Registration

To register for a course, please complete the registration form and return it by mail or fax. We will happily accept a company check, purchase order, Visa, MasterCard, or American Express for the cost of the course. All checks and purchase orders must be received before the course.

If for some reason you cannot attend, you may cancel your registration at any time or you may send a substitute. If you cancel less than 7 days before the course, there will be a \$25 cancellation fee. If you cancel more than 7 days before the course, your entire payment will be refunded, or your invoice canceled. In addition, if you cannot attend, you may request that your payment be applied to a future course—and if requested, the course material will be sent to you.

In-house Courses

BarDyne also offers customized in-house courses. Course content can be adapted for each presentation to match your company needs, industry, schedule, and budget. Courses can be designed from the material in any of our books including Hydraulic Component Design and Selection, Hydraulic System Modeling and Simulation, Hydraulic System Design for Service Assurance, Fluid Contamination Control, and Proactive Maintenance for Mechanical Systems.

1.4 CEU Credits

BarDyne will present to each attendee a special Certificate of Achievement at the completion of the course which will indicate the number of Continuing Education Units (CEU) awarded for the class. One CEU is awarded for each ten contact hours of participation.

Registration Form

Yes Please register me for the **Hydraulic System Modeling and Simulation** course. The registration fee for this course is \$595 per person or \$545 per person for groups of three or more.

Detroit, Michigan – October 27, 2005

Chicago, Illinois – December 8, 2005

\$25 Early Bird Discount

Available to registrations received two or more weeks prior to published course date and paid prior to the commencement of the course.

Already have a copy of the course textbook?

If you bring your book to the seminar, you may deduct \$250 from the price of the seminar.

Are you a student or a professor at an academic institution?

If so, you are eligible for a 50% discount (no other discounts would apply)

Names of Attendees

1. Mr./Ms. _____

Title _____

2. Mr./Ms. _____

Title _____

3. Mr./Ms. _____

Title _____

Company Information

Organization _____

Address _____

Mail Stop _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email address _____

Payment Information

Check payable to BarDyne, Inc. is enclosed.

Purchase Order number _____ is attached.

Charge to Visa Mastercard American Express

Card number _____ Exp Date _____

Signature _____

Register by

Phone
(405) 743-4337

FAX
(405) 743-2012

Mail
BarDyne, Inc.
5111 N. Perkins Rd.
Stillwater, OK 74075

E-Mail
HyPneu @
BarDyne.com

Can't attend but want to receive future mailings? Just check this box and return the form to us (or Email us) and we'll add your name(s) to our company's exclusive mailing list. You'll receive announcements of future courses and software updates.

Please check this box if you would like information about the **HyPneu®** and **HyPneu Magi** software.

Still need more information?

Visit www.BarDyne.com anytime.

- See an unabridged table of contents of the course text and download sample pages.
- Read more complete biographies of the course presenters.
- Get complete information about other courses offered.
- Learn more about the **HyPneu®** and **HyPneu Magi** software.