

# 1/2 DAY CENTRIFUGAL PUMP SEMINAR FOR DESIGN ENGINEERS

by **KENDAL SMITH**

Kendal graduated from BYU in Idaho with his B.S. Mechanical Engineering. He jumped into the industry 2017 working as a mechanical designer for one of the largest MEP consulting firm in downtown Los Angeles where he optimized HVAC systems in all types of buildings around the United States. Kendal is now part of Dawson Company's Business Development Group assisting mechanical and plumbing engineers as their fluid hydronic specialist.

## WHO SHOULD ATTEND? Design Engineers

### Information to Be Covered

#### PUMP 101

- Types of Pumps
- What a Pump Does
- Pump Curve Characteristics
- System Curve Introduction (including affinity laws)
- Pump Identification in the Field (using pressure gauges when there is no nameplate info)

#### PUMP 102

- System Syzer Introduction
- Pump Accessories
- Troubleshooting:
- Over-pumping
- Under-pumping
- Cavitation

#### PUMP 103

- Open/Closed Systems
- Parallel/Series Pumping
- Parallel Pumping and Having System Curve Cross Single Pump Curve
- Show examples of how control head and reducing the speed effect this
- Pump Components
- Motor Basics

**FRIDAY, NOVEMBER 15, 2024,** 8:00 AM - 12:00 PM, to be held at

**SAN DIEGO OFFICE, 9181 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123 | TEL: 858-541-7867 | FAX: 858-541-0333**  
WATER, COFFEE, SODA, AND LUNCH WILL BE PROVIDED.

To ensure that each attendee receives the full benefit of this seminar, the class size is limited to **18 attendees.**

Name \_\_\_\_\_  
Company \_\_\_\_\_  
Phone \_\_\_\_\_  
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(A) Total Number of Persons Attending \_\_\_\_\_  
(B) Total Cost of Seminar per Person: **\$25.00**  
Total Enclosed (AxB): \$ \_\_\_\_\_

**Please let us know if you have any dietary requirements:**

Payment Method 1 - <https://dawson-company.coursetorm.com/>

Payment Method 2 - check - Mail to: Dawson Company, P.O. Box 6011, Pomona, CA 91769-6011

Payment Method 3 - credit card (Visa/MasterCard/American Express) - Contact Crystal Olguin at 626-797-9710 ext. 121, [colguin@dawsonco.com](mailto:colguin@dawsonco.com)