



# VIRTUAL PUMP SCHOOL 2022



**ESPECIALLY DESIGNED FOR THE MIDDLE EAST AND AFRICA  
WITH TIMES THAT ARE EASY TO ATTEND**

**October 3rd through 5th, 2022**

**2:00 to 8:00 PM Johannesburg Standard Time**

**FEATURES**

- 18 hours of instruction over three days
- Numerous handbooks, work books, and materials
- Special gift for participants
- Certificate of Completion
- Continuing Education Credits OESAC, OLB, WaDOE, ECSA, SAIMEche, and PE
- Accredited for (3) CPD Credits in Category 1

Cornell Pump has hosted a pump school since 1949, and trained tens of thousands of participants in hydraulics principles and better pump operation. That great training that was only available in Portland, Oregon is now offered for registrants across Africa and the Middle East, *virtually*.

Great for operators, engineers, pump sales teams, foremen, supervisors, and more, the class includes topics on pump parts and terminology, operating a Variable Frequency drive, energy efficiency, how Net Positive Suction Head effects system operation, and others.

For a full listing of the courses, and to sign up, visit:  
[www.cornellpump.com/centex2022](http://www.cornellpump.com/centex2022)

**HURRY!**  
 \$59 Early Bird Pricing offered through July 30  
 Save more than 45%\*  
 Learn • Network • Receive CEU Credits  
**SIGN UP TODAY!**

MONDAY, OCTOBER 3, 2022		
COURSES	TIME (SAST)	INSTRUCTOR
Welcome and Logistics	2:00 to 2:15 PM	
Pump Parts & Terminology	2:15 to 3:00 PM	Dave Haas
Basic Hydraulics	3:00 to 4:00 PM	Adam Lawler
Pump Curves, System Design, TDH, & Friction	4:00 to 5:45 PM	Brian O'Neill
Break	5:45 to 6:00 PM	
NPSHA/R	6:00 to 7:00 PM	Andrew Enterline
System Curves	7:00 to 8:00 PM	Seth James
Wrap Up Day 1	8:00 to 8:10 PM	
TUESDAY, OCTOBER 4, 2022		
Day 2 Welcome	2:00 to 2:05 PM	
Pumps in Parallel/Series	2:05 to 3:00 PM	Scott Pellerin
Pump Selection	3:00 to 4:00 PM	Bob Jansen
Pump Flo/Mobile Tool Kit	4:00 to 4:45 PM	Mark Jansen
Break	4:45 to 5:00 PM	
VFD's/Motors—Basics	5:00 to 6:00 PM	Pieter De Villiers
Installation & Troubleshooting	7:00 to 8:00 PM	Jason Davidson
Day 2 Wrap	8:00 to 8:05 PM	

WEDNESDAY, OCTOBER 5, 2022		
COURSES	TIME (SAST)	INSTRUCTOR
Day 3 Welcome and Survey reminder	2:00 to 2:10 PM	
Applications	2:10 to 2:45 PM	Theo Philippou
Fly Wheels	2:45 to 3:30 PM	Mark Qandil
Virtual Pump Build	3:30 to 4:40 PM	Brandon Yoder
Break	4:40 to 4:45 PM	
Slurry Pumps	4:45 to 5:30 PM	Bill Schlittler
Priming Systems	5:30 to 6:00 PM	Nick Ivers
Metallurgies	6:00 to 7:30 PM	Andrew Enterline
Seals	7:30 to 8:00 PM	Jordan Castaneda
Wrap/Questions	8:00 to 8:10 PM	



\*\$59 Early Bird price valid June 1-July 30; \$79 standard price available August 1- September 14; and \$109 late registration price September 15 through the end of the conference.