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## **SHORT COURSE P3**

### **PUMPS 101**

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**John P. Joseph II** is an independent consultant with Rotating Equipment Systems Technical Associates, in Houston, Texas. He was previously with BP Amoco where he provided technical and maintenance support for rotating equipment systems to existing asset organizations in BP Amoco, and to Project Management on new projects. Prior to that, Mr. Joseph was with the Amoco Petroleum Products Refinery, in Texas City, Texas. He supervised the rotating equipment engineers and the rotating equipment specialists for the refinery. Mr. Joseph spent six and one half years as Superintendent of Central Shops and three years in Amoco's Refining and Transportation Engineering Department, in Chicago, Illinois. Previous assignments at the Amoco Texas City refinery also included the Rotating Equipment Consulting Group, the Project Engineering Group, and as a Maintenance Engineer on the Hydrocracking Unit. Mr. Joseph received his B.S. degree (Mechanical Engineering, 1972) from the University of Texas at El Paso.

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**Daniel W. (Dan) Wood** is a Pump Consultant with the DuPont Company, in Wilmington, Delaware. He provides pump, mechanical seal, and pumping system technical support throughout DuPont. Mr. Wood participates on committees within the Hydraulic Institute and is a voting member for 3-A Sanitary Standards for ANSI pumps. He was previously employed for 15 years in various engineering and training roles at Flowserve. Mr. Wood graduated from the University of Cincinnati (BSME, 1991). He is a Level III Vibration Analyst certified through Technical Associates of Charlotte.

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