

# GLD&D General Dredging Course Inaugurated at IHC



**info**  
news from **GLD&D** 2003/5



*Great Lakes students at the Kinderdijk Windmill Park*

**F**ifteen Great Lakes engineers successfully completed the first biennial Great Lakes General Dredging course this March in Kinderdijk, Holland. The course was presented by the Training Institute for Dredging (TID) and Great Lakes at the TID training facilities. The Training Institute for Dredging is a subsidiary of IHC Holland, and has modern classroom and laboratory facilities located within the IHC shipyard in Kinderdijk.

The Great Lakes General Dredging Course provides a technical overview of dredging engineering principles, theory, and application and is targeted towards engineers with generally two to five years of experience in the industry. The course is seven days in duration and topics include:

- Soil and rock geotechnical characteristics
- Site investigation
- Pumps and slurry transportation
- Mechanical dredge design, processes, production, and operation
- Cutter suction dredge design, processes, production, and operation

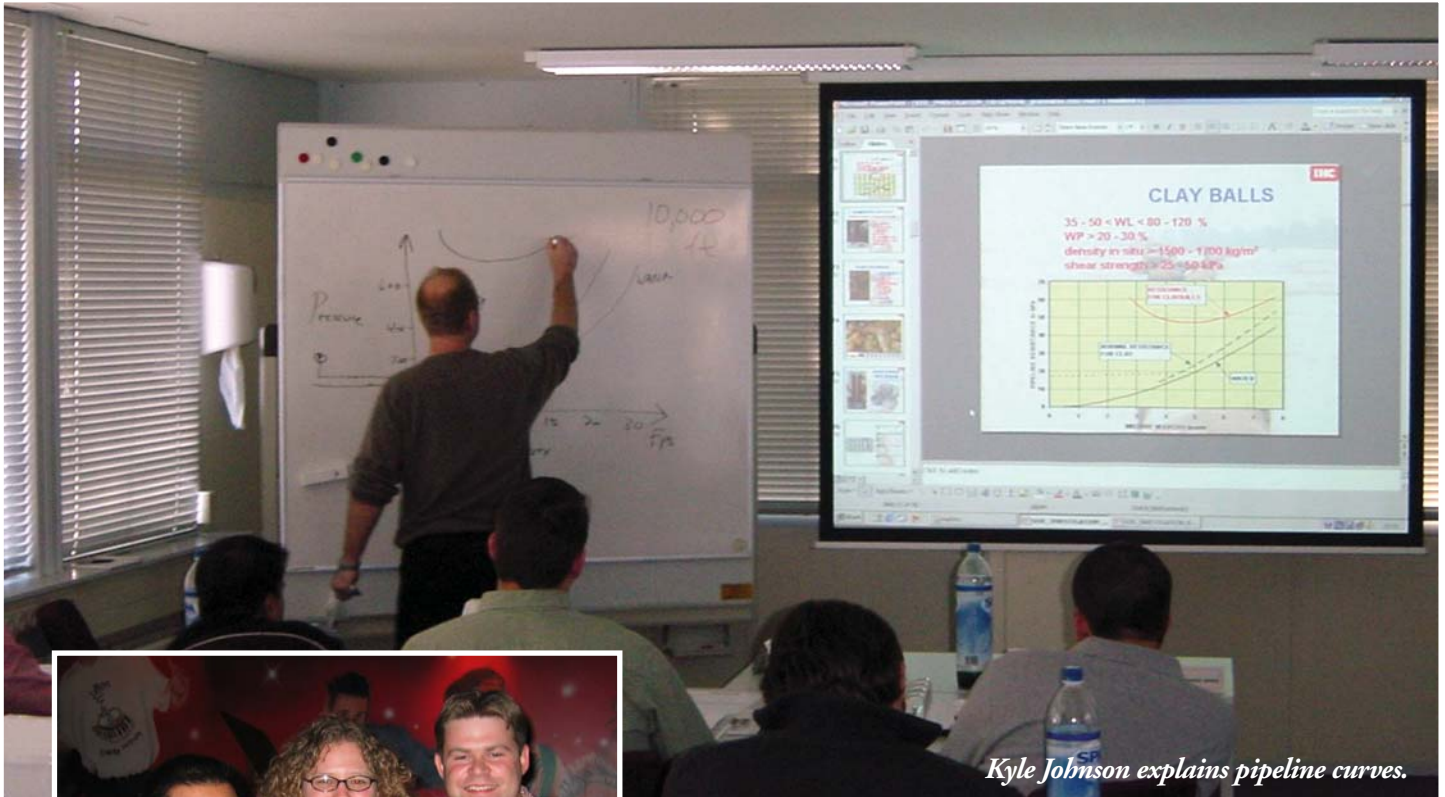
- Hopper dredge design, processes, production, and operation
- Drilling and blasting
- Instrumentation and automation
- Project reporting
- Cost engineering

While the majority of the course was presented by TID instructors, Great Lakes' Dave Simonelli, Kyle Johnson, and Mike Warwick presented lectures on drilling & blasting, clamshell dredging, backhoe dredging, project reporting, and cost engineering.

Graduating from the course were: Jennifer Woods, Jude Nelsen, Jimmy Ho, Manny Vianzon, Aaron Gorski, Thomas Hoag, Chad Linna, Steve Smith, Sam Johnson, Lance Cantrell, Mike Warwick, Mike Minton, Matt Rosa, Angela Ernst, and Mike Campagnone

The next Great Lakes Dredging Course is planned for September, 2003.

*—Prepared with materials provided by Kyle Johnson*



*Kyle Johnson explains pipeline curves.*



*Manny Vianzon, Jennifer Woods, Mike Minton*



*GLDD Students Manny Vianzon, Mike Warwick, Mike Minton and Aaron Gorski work on a dredging cost simulation.*



*Classroom, Lunch: At left, Chad Linna (far left), Angela Ernst, Sam Johnson, Jennifer Woods and Mike Campagnone team up to evaluate*



*Great Lakes students at the IHC yard in Kinderdijk, standing before an IHC pump housing.*



*Henrik van Muijen, IHC Instructor, explains slurry pump casting (top). Inset, Dave Simonelli refines his lecture notes. Jimmy Ho receives his course certificate from course coordinator Monijque Rogaar and from TID Manager Peter Verbeek. At right, the slurry pump laboratory at IHC.*