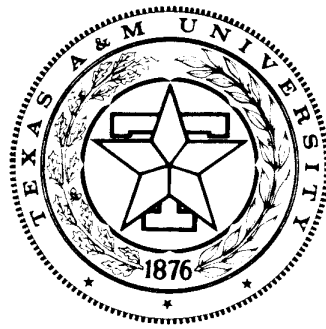
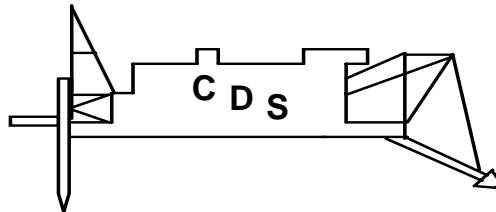


38th
DREDGING
ENGINEERING
SHORT COURSE

January 12 - 16, 2009



Sponsored by
CENTER FOR DREDGING STUDIES
OCEAN ENGINEERING PROGRAM
ZACHRY DEPARTMENT OF CIVIL ENGINEERING
DWIGHT LOOK COLLEGE OF ENGINEERING
TEXAS A&M UNIVERSITY



38th DREDGING ENGINEERING SHORT COURSE

Preliminary Course Schedule

The dredging engineering short course includes a mixture of lectures, laboratories, and discussions on the Texas A&M University campus in College Station, Texas. The course is administered by the Center for Dredging Studies, Ocean Engineering Program, and Zachry Department of Civil Engineering. A textbook and course notes on all lecture material are provided. A certificate and continuing education units (~3.0 CEUs) are earned by attending this short course.

Monday, January 12, 2009 (8:00 a.m. - 5:00 p.m.)

*FLUID MECHANICS; CENTRIFUGAL PUMPS; PUMP AFFINITY LAWS
PUMP CAVITATION
PUMP PERFORMANCE CHARACTERISTICS AND SYSTEM HEAD CURVES
SEDIMENT TRANSPORT IN PIPES
GEOTECHNICAL MECHANICS; PHYSICAL AND ENGINEERING PROPERTIES; DIKE DESIGN
DREDGING EQUIPMENT
MECHANICAL DREDGES; SEDIMENT RESUSPENSION*

Aubeny, Hayes, Bergeron, Randall

TEXAS BBQ DINNER (Monday, 6:30 - 8:30 p.m.)

Tuesday, January 13, 2009 (8:00 a.m. - 5:30 p.m.)

*REMOVAL OF CONTAMINATED SEDIMENT
BASIC DREDGE LAWS
PRACTICAL DREDGE HYDRAULICS
SMALL HYDRAULIC DREDGES
CUTTERS AND CUTTER SUCTION DREDGE OPERATION
HOPPER DREDGES AND DREDGE CONTROL SYSTEMS
DREDGING LAB; GEOTECHNICAL LAB*

Aubeny, deJong, Randall, Santiago, Wetta

Wednesday, January 14, 2009 (8:00 a.m. - 5:30 p.m.)

*PREDICTION OF THE FATE OF DREDGED MATERIAL PLACED IN OPEN WATER
DEMONSTRATION OF OPEN WATER DISPOSAL MODELS
SEDIMENT REMEDIATION TECHNOLOGY
HYDROGRAPHIC SURVEYING AND POSITIONING EQUIPMENT
BEACH NOURISHMENT, SAND BYPASSING AND JET PUMPS
DENSITY, FLOW AND PRODUCTION METERS
GEOTEXTILE CONTAINER SYSTEMS
DREDGING LAB; GEOTECHNICAL LAB*

Aubeny, Fowler, Edge, Erb, Randall, Ransome, Simonelli, Smith

Thursday, January 15, 2009 (8:00 a.m. - 5:00 p.m.)

*MANAGEMENT STRATEGIES AND FRAMEWORK FOR ENVIRONMENTAL EVALUATIONS
CAPPING AND CONFINED DISPOSAL OF DREDGED MATERIAL
PHILOSOPHY AND ECONOMIC ASPECTS OF DREDGING CONTAMINATED SEDIMENTS
DREDGED MATERIAL TESTING PROCEDURES AND EVALUATION OF TESTING RESULTS
EPA AND THE ENVIRONMENTAL ASPECTS OF DREDGED MATERIAL DISPOSAL
PORT PERSPECTIVE OF ENVIRONMENTAL DREDGING ISSUES
ENVIRONMENTAL QUESTION AND ANSWER PANEL
DREDGING LAB; GEOTECHNICAL LAB*

Aubeny, Chase, Hauch, Mohan, Palermo, Randall, Vogt

BANQUET (Thursday, 6:30 - 8:30 p.m.)

Friday, January 16, 2009 (8:00 a.m. - 12:30 p.m.)

*DESIGN CONSIDERATIONS FOR CREATING/ RESTORING WETLANDS USING DREDGED MATERIAL
COST ESTIMATING OF DREDGING PROJECTS
BENEFICIAL USES OF DREDGED MATERIAL
ENHANCED SETTLING OF SUSPENDED SOLIDS
CERTIFICATE PRESENTATION*

Griffin, Hunter, Mohan, Randall

Convenient Bryan/College Station Lodging

- COMFORT SUITES, 907 University Dr. East, College Station, TX 77840; 979.268.5500
- COMFORT SUITES Aggieland, 2313 Texas Ave. S., College Station, TX 77840; 979.680.9000
- FAIRFIELD INN, 4613 Texas Ave. S., College Station, TX 77840; 979.268.1552
- HAMPTON INN, 302 Texas Ave. S., College Station, TX 77840; 979.846.0184
- HAWTHORN SUITES, 1010 University Dr. E., College Station, TX 77840; 979.695.9500
- HILTON HOTEL, 801 University Dr. E., College Station, TX 77840; 979.693.7500
- HOLIDAY INN EXPRESS, 1203 University Dr. E., College Station, TX 77840; 979.846.8700
- HOMEWOOD SUITES, 950 University Dr. E., College Station, TX 77840; 979.846.0400
- LaQUINTA INN, 607 Texas Ave. S., College Station, TX 77840; 979.696.7777
- SUPER 8 MOTEL, 301 Texas Ave. S., College Station, TX; 979.846.8800

Airlines:

AMERICAN EAGLE - Connection from Dallas (DFW)

CONTINENTAL EXPRESS - Connection from Houston (IAH)

Airport in College Station: Easterwood Airport (CLL)

INSTRUCTIONAL STAFF

Visiting Staff

RAY BERGERON, President, Cable Arm Inc., Trenton, MI; B.S. and M.S., Western Michigan University.

THOMAS J. CHASE, Executive Director, Coasts, Oceans, Ports and Rivers Institute, American Society of Civil Engineers, Reston, VA; B.S., University of Rhode Island.

PETER S. DEJONG, President, Digital Automation & Control Systems, Inc., Houston, TX; B.S., Technical College of Zwolle; M.S., Delft University; M.B.A., Northwestern University.

TOM L. ERB, Research Engineer, Thermo Fisher, Austin, TX; B.S., Georgia Institute of Technology.

JACK FOWLER, Consultant, Geotec Associates, Vicksburg; B.S. and M.S., University of Mississippi; M.S., Mississippi State University; Ph.D., Oklahoma State University; P.E.

JOSEPH Z. GAILANI, Research Hydraulic Engineer, Coastal and Hydraulics Laboratory, Engineering Research and Development Center, Vicksburg, MS; B.S. and M.S., Northwestern University; Ph.D., University of California at Santa Barbara.

JAMES GRIFFIN, Tri-Flo International, Inc., Conroe, TX.

ROBERT G. HAUCH, Physical Scientist, Galveston District, US Army Corps of Engineers, Galveston, TX; B.I.E. and B.S., Georgia Institute of Technology; M.S., Florida Institute of Technology.

DONALD F. HAYES, UNOCAL/BORSF Professor of Civil Engineering, University of Louisiana at Lafayette; B.S. and M.S., Mississippi State University; Ph.D., Colorado State University; P.E.

DEWEY W. HUNTER, Business Manager, Ciba Specialty Chemicals Corporation; A.A.S., Purdue University; B.S., Regent University.

RAM K. MOHAN, Partner, Anchor Environmental, L.L.C.; B.S., Cochin University of Science & Technology; M.S., University of Rhode Island; Ph.D., Texas A&M University; P.E., Maryland and South Carolina.

MICHAEL R. PALERMO, Consultant, Vicksburg, MS; B.S. and M.S., Mississippi State University; Ph.D., Vanderbilt University; P.E.

CHRIS R. RANSOME, President, CRA, Inc., Houston, TX; B.Sc., University of Southampton, UK; M.Sc., University of Durham, UK.

ROGER SANTIAGO, Remediation Technologies Program, Environment Canada, Downsview, Ontario, Canada; B.E.S., University of Waterloo.

DAVID SIMONELLI, Great Lakes Dredge and Dock, Oak Brook, IL.

JARRELL SMITH, Coastal and Hydraulics Laboratory, Engineering Research and Development Laboratory, Vicksburg, MS; B.S. and M.S., Clemson University.

CRAIG VOGT, Consultant, Washington, DC; B.S. and M.S., Oregon State University; P.E.

WILLIAM J. WETTA II, President and CEO, Dredging Supply Company, Reserve, LA; B.S., Louisiana State University; P.E.

Texas A&M University Staff

CHARLES P. AUBENY, Associate Professor of Civil Engineering, Construction, Geotechnical & Structural Division, Zachry Department of Civil Engineering; B.S., University of Arizona; M.S., University of Colorado; Ph.D., Massachusetts Institute of Technology; P.E.

BILLY L. EDGE, W.H. Bauer Professor of Dredging Engineering; Professor of Coastal and Ocean Engineering, Coastal and Ocean Engineering Division, Zachry Department of Civil Engineering; B.S. and M.S., Virginia Polytechnic Institute; Ph.D., Georgia Institute of Technology; P.E.

ROBERT E. RANDALL, Ford Professor of Ocean and Civil Engineering, Coastal and Ocean Engineering Division, Zachry Department of Civil Engineering; Director, Center for Dredging Studies; B.S., Ohio State; M.S. and Ph.D., University of Rhode Island; P.E.

ENROLLMENT APPLICATION
38th DREDGING ENGINEERING SHORT COURSE
JANUARY 12 - 16, 2009

(Print Legibly or Type, please)

Name: Last First M.I.

Position / Title

Employer / Company Name

Street Address or Mailing Address

City State Country Zip Code

Telephone Fax Email Address

Course Fee: \$1325.00 (includes textbook, lecture notes, banquet and local transportation).

Enrollment: Advance enrollment by December 1, 2008 is required and may be made by individuals or companies. Applicants must mail, fax or email completed enrollment application and mail payment for \$1325 (check or money order payable in U.S. dollars and drawn on a U.S. bank) and made payable to **Texas A&M University**; or, a government purchase voucher must be sent. No credit card payments accepted. NO CANCELLATIONS will be granted AFTER DECEMBER 1, 2008

Application Deadline: **December 1, 2008**

Make Payment to: **TEXAS A&M UNIVERSITY**

Mail Application & Payment: Dr. R. E. Randall
Center for Dredging Studies
Ocean Engineering Program
Zachry Department of Civil Engineering
Texas A&M University
College Station, TX 77843-3136

Questions & Information:

Dr. R. E. Randall, Director
Tel: 979.845.4568; Fax: 979.862.8162; Email: r-randall@tamu.edu
Web Site: <http://oceaneng.civil.tamu.edu>
Ms. Pam Fambro, Administrative Assistant
Tel: 979.845.4515; Fax: 979.862.8162; Email: pfambro@civil.tamu.edu