

Upcoming Continuing Education

Please refer to NCAC Chapter 27- Well Contractor Certification Rules, Section .0800 for the requirements and other information pertaining to continuing education.

Certified well contractors are required to earn **8** hours of continuing education (PDH) by the renewal deadline (June 30) each year. If more than 8 hours of continuing education are earned during a certification period, up to 8 of the extra hours may be carried over to the next certification period. ***Selection of courses and activities which meet the requirements of 15A NCAC 27 .0820 is the responsibility of the certified well contractor.***

Courses or activities must maintain, improve, or expand the skills and knowledge related to the practice of well contractor activities in order for a well contractor to receive credit. A course will not be recommended for approval if the obvious intent is primarily the sale or promotion of a product. Programs by sellers may be considered if the obvious intent of the program is primarily training. No sales of a product should be connected with an approved course.

(Notes: -Just a few of the continuing education opportunities in the North Carolina area are presented here. Don't limit yourself to just what's provided here!

-Contact the provider of the continuing education you are interested in to verify dates, location, etc. and also for more details on the event and how to register to attend.)

Sponsors (Sponsor courses are pre-approved and the sponsor will submit attendance documentation for you.)

North Carolina Ground Water Association (NCGWA)

Contact: 800-889-7118, 919-876-0687

Date:

Location:

Topics:

American Groundwater Trust

Contact: 603-228-5444

Date:

Location:

Topics:

Virginia Water Well Association

Contact: 540-740-3329

Date:

Location:

Topics:

South Atlantic Well Driller's Jubilee

Contact: 540-740-3329

On-line: www.well-drillers.com

Date: July 30-August 2, 2005

Location: Myrtle Beach, SC

Topics: (various)

Fayetteville Technical Community College

Contact: 910-678-8536

Date:

Location:

Topics:

NC DENR- (Aquifer Protection Section)

Contact:	WCCC / DWQ	919-733-7015 x521
	Asheville Regional Office	828-251-6208
	Fayetteville Regional Office	910-486-1541
	Mooresville Regional Office	704-663-1699
	Raleigh Regional Office	919-571-4700
	Washington Regional Office	252-946-6481
	Wilmington Regional Office	910-395-3900
	Winston-Salem Regional Office	336-771-4600

Date: Oct. 28, 2005 (hosted by WCCC/DWQ-Central Office)

Location: Raleigh, NC- Wake County Commons Bldg.

Topics: (TBA)

Lenoir Community College

Contact: 252-527-6223

Date: (Check Semester Schedule)

Location: Lenoir Community College
Environmental Science- Water Resources Program
Kinston, NC

Topics:	BIO 111	General Biology	(45 PDH for college course)
	CHM 131	Intro to Chemistry	
	CHM 131	Intro to Chemistry Lab	
	ENV 110	Environmental Science	
	ENV 218	Environmental Health	
	ISC 112	Industrial Safety	
	WAT 120	Intro to Water Treatment	

WAT 121	Inter Water Treatment
WAT 122	Advanced Water Treatment
WAT 165	Applied Hydraulics
CIS 110	Principles of Computers
WAT 130	Groundwater Treatment
WAT 270	Source Water Management
BUS 115	Business Law I

(TBA)	HAZWOPER 8 Hour Refresher (8 PDH)
(TBA)	Everything You Wanted to Know About Geology and Groundwater (8 PDH)
(TBA)	Safety and OSHA Standards (8 PDH)
(TBA)	First Aid and CPR (8 PDH)

Central Carolina Community College

Contact: Sandra McMahon, 919-542-6495 (x223, x224)

Date: (Check Semester Schedule)

Location: Central Carolina **Community** College
Pittsboro, NC

Topics: Curriculum Topics

GEL 111	Introductory Geology
HYD 110	Hydraulics/Pneumatics I
HYD 121	Hydraulics/Pneumatics II
OMT 122	Environmental Quality Laws & Enforcement
ISC 112	Industrial Safety
ISC 121	Environmental Health & Safety

Occupational Extension Programs

(TBA)	First Aid and CPR (8 PDH)
(TBA)	Safety and OSHA Standards
(TBA)	Project Management
(TBA)	Introduction to Quickbooks for Small Businesses
(TBA)	Introduction to Peachtree First Accounting

SC Environmental Training Center

Contact: Elizabeth Williams, 803-778-7873

Central Carolina Technical College

Date: (Check Semester Schedule)

Location: Central Carolina **Technical** College
Sumter, SC

Topics: WWS 826	Waterwell Design and Testing (7 hours) - 10/18/05
WWS 824	Groundwater Hydrology (7 hours) - 10/24/05
WWT 627	Well Drilling Short School (Basic) (14 hours) - Oct. 3-4, 2005
WWT 628	Well Drilling Short School (Advanced) (14 hours) - Oct. 5-6, 2005
WWT 621	Well Driller Review (6 hours) - 11/10/05
MKE 911	Basic Computer Skills (24 hours) - Sept. 19-21, 2005
HAZ 546	Chlorine Safety (7 hours)

HAZ 503	8 hr. HAZWOPER Refresher (8 hours) - 11/15/05
HAZ 551	Ergonomics for Back/Neck Safety & for Healthy Backs (2 hours)
HAZ 549	Ergonomic Training, Basic (1.5 hours)
PUT 601	Maps and Plans I (4 hours) -10/18/05
PUT 602	Maps and Plans II (6 hours) - 7/18/05, 11/9/05
PUT 603	Applied Utility Math Processes I (6 hours) -10/17/05
PUT 604	Applied Utility Math Processes II (10 hours) - Nov. 10-11, 2005
PUT 605	Piping Skills I (6 hours) - 10/19/05
PUT 606	Piping Skills II (10 hours) - Nov. 17-18, 2005
PUT 609	Heavy Equipment Operation & Maintenance (14 hours) - Nov. 7-8, 2005
PUT 610	Excavation, Trenching, and Shoring Operations (7 hours) - 12/7/05
MEM 854	Mechanical Maintenance (21 hours) - Sept. 28-30, 2005
WWS 824	Groundwater Hydrology (7 hours) - 10/25/05
WWS 825	Groundwater Chemistry & Biology (7 hours)

Red Vector

Website: www.RedVector.com

Contact: 1-866-546-1212

Please Note: When setting up your RedVector profile, select "contractor/trades" for your profession. If your profile is not set up correctly, your information will not be sent to the WCCC for PDH credit! You can update your profile if you need to make this correction.

Location: (On-Line Courses)

- Topics: - Water Well Design (2 PDH)
- NDA Monitor Well Construction (6 PDH)
 - NDA Groundwater Knowledge (4 PDH)
 - Groundwater Hydrology (6 PDH)
 - Basics of Water Resources- Groundwater Hydrology (1 PDH)
 - Introduction to Mineral Soils (1 PDH)
 - Erosion and Sediment Control- An Overview (4 PDH)
 - Basic Erosion & Sediment Control (6 PDH)
 - Biofilms: An Introduction (1 PDH)
 - Drinking Water Treatment: Arsenic Removal (1 PDH)
 - Design within the Environmental Process (2 PDH)
 - Water Supply Systems in Buildings (1 PDH)
 - Design of Small Water Systems (6 PDH)
 - Personnel Administration (4 PDH)
 - Communication for Managers & Supervisors (2 PDH)
 - Business Management (8 PDH)
 - Business Communications: Effective Email (2 PDH)
 - Business Management Part I (2 PDH)
 - Business Management Part II: The Business Plan (3 PDH)
 - Business Management Part III: Marketing & Fin. Planning (2 PDH)
 - How to Calculate Markup and Profit (2 PDH)
 - Contracts for Professionals (1 PDH)
 - Contract Basics: The Small Contracting Agreement (1 PDH)
 - Leadership Course (1 PDH)
 - Leadership for Managers & Supervisors (2 PDH)
 - Quality Management Intro. (1 PDH)
 - Personal Protective Equipment (1 PDH)
 - NDA Driller Safety Guide (3 PDH)

- OSHA Welding and Cutting (2 PDH)
- OSHA Signs, Signals & Barricades (1 PDH)
- National Electrical Code Grounding (4 PDH)
- Basic Electricity I (2 PDH)
- Basic Electrical Theory (1 PDH)
- Concrete: Self Consolidating (1 PDH)
- Concrete Fundamentals: An Introduction (2 PDH)
- Concrete Evaluation & Repair 1: Evaluation & Causes of Deterioration (6 PDH)
- Concrete Evaluation & Repair 2: Repair Planning, Design & Implementation (8 PDH)

More ideas for finding continuing education:

*(The following are **non-sponsor** courses so please remember to submit your “Continuing Education Approval Form for Certified Well Contractors” along with the requested attachments to seek credit.)*

- A. Call your local community colleges; ask if they have any short courses or speakers coming in. Topics such as well drilling, water quality, hydrogeology, and geology would be most relevant. Contact information for all the NC community colleges can be found online at:

http://www.ncccs.cc.nc.us/colleges_map.htm

Central Carolina Technical College

“Well Drilling Short School” (approved)

NC State University, Soil Science Dept.

“Financial Management of Your Consulting Business”

“Marketing Your Consulting Business”

“Fundamentals of Hydrogeology”

“Fundamentals & Applied Groundwater Hydraulics”

“Soils 201- Expansive & Non-Expansive Soils”

“Soils 202- Saturated Hydraulic Conductivity”

NC State University, Industrial Extension Service (website: www.ies.ncsu.edu)

“Hazardous Materials Transportation Training”

“8-Hour HAZWOPER Refresher”

“Safety & Health Management for General Industry- MESH II”

“Trainer Course in Safety & Health Standards for the Construction Industry (OTI 500)”

“Occupational Safety & Health Standards for the Construction Industry”

Cape Fear Community College

“Geology” (approved, 45 PDH college course)- Wilmington, NC

Haywood Community College

“Introduction to GPS” (approved, 45 PDH college course)

Robeson Community College

“Basic Welding Practices” (approved, 45 PDH college course)

North Georgia Tech.

“Introduction to Computers” (approved 2003, 6 PDH)- Clarkesville, GA

Clemson University

“Hydrogeology Symposium” (approved 2005, 8 PDH)- Clemson, SC

Vance/Granville Community College 919-772-6165

“HAZWOPER 8hr Refresher” (approved 2005, 8 PDH)

B. Safety Training

(such as...OSHA Drilling Supervision, Field Crew Safety Training, Workplace Safety Training, Electrical Safety, Transportation of Dangerous Goods, HAZWOPER 8hr Refresher, 1st Aid/CPR...)

***Please Note:** 1st Aid & CPR may now only be used for continuing education credit once every three years, starting with the July 1, 2003-June 30, 2004 certification period.*

C. Supplier/Manufacturer of Drilling Equipment

(The Supplier/Manufacturer of a product, such as for drill bits and pumps, may have training on the proper use of their product. Sales pitches don't count. It must be educational!)

Baroid (Ed Anderson 281-871-2675)
"Water Well Drilling Fluid & Grouting Techniques"

Schramm, Inc.
"Schramm Spring 2003 Drill Rig Service School"

Hughes Supply (Butch Snyder 252-266-1258)
"Basic Pump Fundamentals" (4 PDH)
"Jet Pump & Submersible" (4 PDH)
"Sizing & Application" (3 PDH)
"High Capacity Submersible Pumps" (4 PDH)
"Water Treatment Fundamentals" (6 PDH)
"Using Liners" (2 PDH)-

WICOR (Contact Aermotor/Berkley/Sta-Rite distributor for details)
"Water Systems- Pump Fundamentals" (8 PDH)

Berkley Pump Company (Contact distributor for details)
"Installation, Sizing & Troubleshooting Pumps" (2 PDH)

Franklin Electric
"Submersible Motor Construction, Installation, & Troubleshooting" (7 PDH)

Preferred Sources (Jim Mullins 866-504-3111)
"Basics of Water Treatment" (8 PDH)

D. Organizations involved in drilling, training and water quality

NGWA- National Ground Water Association- (www.ngwa.org)

Mayland/Delaware Water Well Association- (Betty Jean Kelly 800-344-9247, 410-479-3078)

Kentucky Ground Water Association

"Kentucky Groundwater Drillers Workshop" (approved 2002, 3 PDH)

Water Systems Council- (www.watersystemscouncil.org)

NC Rural Water Assoc.- (www.ncrwa.org)

(336-731-6963, Jim Berry 919-812-5109; Main # 336-731-6963)

"Water Supply Plan" (approved 2002, 6 PDH)

"Well Maintenance" (approved 2005, 1 PDH)

VA Rural Water Assoc.- (www.vrwa.org) (540-261-7178)

"Improve the Performance & Health of Your Well" (approved 2002, 5 PDH)

VA Department of Environmental Quality

“14th Annual Environment Virginia Conference” (workshops approved 2002, 8 PDH)

American Water Resources Assoc.- (www.awra.org) (540-687-8390)

North Carolina Waterworks Operators Assoc.(NCWOA)- (www.nc-awwa-wea-gac.org/index.htm)
(NE Section- Cindy Gall 919-791-0942)

NC AWWA/WEA- (office 919-829-9694)

Groundwater Professionals of North Carolina (GWPNC)- (www.gwpnc.org) (919-873-1060)

“Professional Ethics” (approved 2005, 1-6 PDH)

Guilford County Dept. of Public Health – (Laura Honeycutt 336-641-4809)

“Guilford County Drillers Day Workshop” (approved 2004, 8 PDH)

Wake County Environmental Services

“Wake County Well Regulations Meeting” (approved 2003, 2 PDH)

Mecklenburg County Dept. of Environmental Protection

Drilling Consultants- (Porky Cutter 757-340-7203 (w) / 757-418-2036 (m))

“Drilling Workshop” (approved 2005, 8 pdh)

MACTEC

“Monitor/Environmental Well Construction & Direct Push Technology Workshop”
(approved 2003, 8 PDH)

Water-Right/Parkway Water Systems

“Water-Right School” (approved 2005, 6 PDH)

Water Resources Technology

“Basic Groundwater Hydraulics” (approved 2003, 5 PDH)

“Hydrogeology of Clastic Aquifers” (approved 2003, 8 PDH)

American Institute of Professional Geologists

E. Courses on-line

www.TLCH2O.com

(Technical Learning College)

-Groundwater Production (15 PDH)

-Groundwater Protection (5 PDH)

www.iami.org/ea.html

(EAA- Environmental Assessment Association)

-Performing Phase I Environmental Site Assessments (5 PDH)

www.networkenvironmental.com

(Network Environmental Systems)

-OSHA 8-Hour HAZWOPER Refresher (8 PDH)

www.hazmatschool.com

(ABAG Training Center)

-OSHA 8-Hour HAZWOPER Refresher (8 PDH)

www.hazwopertraining.com

(Iguana Educational Services)

-OSHA 8-Hour HAZWOPER Refresher (8 PDH)