

Combined Radon Measurement/Mitigation Course for Arkansas

April 15-20, 2013 - Rogers, AR

Conducted by Kansas State University in cooperation with EPA Region 6 and Arkansas Department of Health, Radiation Control Section

Workshop Contact - Bruce Snead at 785-532-4992 bsnead@ksu.edu

**KANSAS STATE
UNIVERSITY**

Engineering Extension
133 Ward Hall
Manhattan, KS 66506-2508
Phone: 785-532-6026
Fax: 785-532-6952
www.engext.k-state.edu

Location: University of Arkansas Global Campus - Rm 418
3300 Market Street,
Rogers, AR 72758

http://globalcampus.uark.edu/About_Us/Directions.html

Time: 8 a.m. to 5 p.m. Monday- Friday
(Exams - Tuesday evening and Saturday 8:30 a.m.)

Course Schedule

Course days typically start at 8 a.m. and end at 5 p.m. The Measurement course is Monday-Tuesday, with the Measurement exam late afternoon or evening Tuesday. The Mitigation course begins at 8 a.m. on Wednesday and runs through the Mitigation exam Saturday morning.

If you are interested only in mitigation and have not already taken a measurement course, you must attend all week to properly prepare for the mitigation exam.

If you have already taken a measurement course you could attend the mitigation course from Wednesday thru Friday p.m. with the exam on Saturday morning.

Accommodations Nearby hotels – arrange your own accommodations

- Embassy Suites Northwest Arkansas - Hotel, Spa & Convention Center
3303 Pinnacle Hills Parkway, Rogers, AR 0.2 mi E (479) 254-8400 · embassysuites3.hilton.com
- Aloft Rogers-Bentonville
1103 South 52nd Street, Rogers, AR 1.0 mi N (479) 268-6799 · starwoodhotels.com
- Holiday Inn Hotel & Suites Rogers - Pinnacle Hills
1803 South 52nd Street, Rogers, AR 0.9 mi N (479) 845-1300 · holidayinn.com
- Country Inn & Suites By Carlson, Bentonville-South, AR
4304 West Walnut Street, Rogers, AR 2.1 mi N (479) 633-0055 · countryinns.com

Registration

To register on-line, visit <https://outreach.ksu.edu/etrakWebApp/Registration.aspx?MeetingCode=605097W>. To register online, you will need to set up an account with a user id (which is your e-mail address) and password. If are already in our system from a previous workshop, you'll be taken to the registration form. Or, FAX your completed registration form to 785-532-2422. To register by MAIL, send your completed form to: Radon Workshop, Division of Continuing Education, Kansas State University, 1615 Anderson Avenue, Manhattan, KS 66502. For registration questions or problems, PHONE the Conferences and Noncredit Programs Registration Office at 785-532-5569 or 1-800-432-8222 or email registration@k-state.edu between 8 a.m. and 5 p.m., Monday through Friday. **Please register by April 8.**

Registration Fees

5 Day Combined course and both exams -	\$650	
Measurement course and exam	\$400	
Mitigation course and exam	\$400	*(previous measurement course required)
Measurement course only	\$325	
Mitigation course only	\$325	
Either exam only	\$150	

Payment

You can pay by check on site, by credit card ahead of time or we can invoice your firm. Course fee includes study materials, lunches and breaks all days except Wednesday and Saturday.

- Upon receipt of registration you will be sent an electronic confirmation letter and map.
- Upon payment you will receive a CD of documents and study recommendations.

Refund Policy

If you must cancel your registration, do so as soon as possible. Substitutions are encouraged. A full refund, minus a \$10.00 administrative fee, will be made if cancellation is received by the Division of Continuing Education by 5 p.m. on **Tuesday April 9, 2013**. After that date, due to guarantees we must give, refunds are not available. Registrants who do not cancel their registration are responsible for the total registration fee even if they do not attend and have not paid the registration fee. Refunds cannot be given in amounts less than \$5.00.

Cancellation Policy

The Division of Continuing Education may cancel or postpone any course or activity because of insufficient enrollment or other unforeseen circumstances. If a program is canceled or postponed, the Division of Continuing Education will refund registration fees but cannot be held responsible for other costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies.

Questions

Call the Conferences and Non-Credit Programs Registration Office at 785-532-5569 or 1-800-432-8222 or e-mail registration@k-state.edu for registration information. Please include the name of the event in the subject line of your e-mail. **For workshop questions, call Bruce Snead at 785-532-4992.**

Special Assistance

A participant in a conference or non-credit program with a disability who needs accommodations or has special dietary requirements should indicate services needed at the time of registration. If you have further questions, please contact Ellen Stauffer at 785-532-2562 or 1-800-622-2KSU (2578). Early notification is requested, **by April 1**, to ensure that accommodations can be provided in a timely manner.

Notice of Nondiscrimination

Kansas State University is committed to nondiscrimination on the basis of race, color, ethnic or national origin, sex, sexual orientation, gender identity, religion, age, ancestry, disability, military status, veteran status, or other nonmerit reasons, in admissions, educational programs, or activities and employment, including employment of disabled veterans and veterans of the Vietnam Era, as required by applicable laws and regulations. Responsibility for coordination of compliance efforts and receipt of inquiries concerning Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans With Disabilities Act of 1990 has been delegated to the director of Affirmative Action, Kansas State University, 214 Anderson Hall, Manhattan, KS 66506-0124, 785-532-6220 or TTY: 785-532-4807.

Registration Form - Radon Workshop/Exams
Rogers, Arkansas April 15-20 2013

Register Online at <https://outreach.ksu.edu/etrakWebApp/Registration.aspx?MeetingCode=605097W>:

Or, return this form by April 8 to:

Radon Workshop Registration, Division of Continuing Education, Kansas State University, 1615 Anderson Ave., Manhattan, KS 66502

or FAX to 785-532-2422

_____	_____	_____
Name	State	Zip
_____	_____	_____
Affiliation/Company	Daytime Phone	
_____	_____	_____
Address	FAX	
_____	_____	_____
City	E-mail (Required for electronic registration confirmation)	

Please register me for the:

- _____ Combined radon measurement/mitigation Course and both exams – \$650
- _____ Radon Measurement Course and exam – \$400
- _____ Radon Mitigation Course and exam – \$400 (previous measurement course and exam required)
- _____ Radon Measurement Course only – \$325
- _____ Radon Mitigation Course only – \$325
- _____ Radon Measurement Exam only - \$150
- _____ Radon Mitigation Exam only - \$150
- ___ I request vegetarian meals.

Method of Payment

_____ Check enclosed (make checks payable to Kansas State University, FEIN # 48-0771751)

_____ Charge to my credit card ___ Visa ___ MasterCard ___ Discover ___ American Express

_____ Card Number _____ Expiration Date

_____ Print Cardholder's Name

_____ Cardholder's Signature

_____ Invoice my Company (Purchase Order Number _____)

Assistance for Participants with Disabilities/Dietary Requirements

In order to assist you, please indicate by April 1, 2013 any special requirements and assistance needed.

For registration questions, call 785-532-5569 or 1-800-432-8222 or e-mail registration@k-state.edu between 8 a.m. and 5 p.m., Monday through Friday.

Agenda For Radon Measurement And Mitigation Course for Arkansas

April 15 -20, 2013

Location: All classroom/exam activities in Global Campus Rogers Building Rm 418.
Field activities will take place in one or more homes nearby.

Instructors: Bruce Snead, Engineering Extension at Kansas State University
Jack Hughes, Southern Regional Radon Training Center

Breaks We will take breaks often to stay fresh and alert – every hour and a half

Agenda: Day One - Measurement

7:45 Coffee, Registration Check-in
8:00 Introductions/questions/course overview
Physics
Health Effects
12:00 Lunch
Radon Entry and Behavior
Radon Measurement Basics and Protocols
5:00 Homework assignments and adjourn

Day Two - Measurement

8:00 Coffee
8:15 Questions and Answers
Quality Assurance and quality control
Sampling Methods and Monitors
12:00 Lunch
Sampling Methods continued
Radon Mitigation overview
Radon in Water overview
Review and discussion
4:30 Adjourn
7 p.m. Measurement Exam

Day Three – Mitigation Begins at 8 a.m.

8:00 Radon Mitigation System Design, Diagnostics and Installation – Classroom
12:00 Lunch – on your own
1:00 Continue System Design and Installation
5:00 Homework assignment and adjourn

Day Four – Mitigation continued

- 8:00 Mitigation– continued – classroom
- ? Move to field site for diagnostics exercises
- 12:00 Lunch in field or prior to departing
- Continue field activities
- 5:00 Finish in field and return to classroom

Day Five – Mitigation continued

- 8:00 Classroom
- 12:00 Lunch
- 1:00 Radon in Water Mitigation
Radon Resistant New Construction
Review and q and a session
- 5:00 Adjourn

Day Six – Mitigation Exam

- 8:00 Exam registration
- 8:30 Exam begins
- 12:00 Exam ends