

Combined Radon Measurement and Mitigation Course and Exams



March 11-16, 2019 | St. Paul, MN

Conducted by MURC – KSU in serving the MURC – UMN training area.

Serves all NRPP and Minnesota Certification requirements.

For content questions, call Bruce Snead at 785-532-4992.

Location: Union Depot – Veterans Gallery Room
214 East 4th Street | St. Paul, MN 55101

Course Time : 8 a.m. to 5 p.m. Monday- Saturday
(Measurement Exam – **Wednesday** morning 8 – 10:30 a.m.)
(Mitigation Exam – begins **Saturday** afternoon – approximately 1 p.m.)

Course and Exam Information:

Exams are only provided online at the course -- Bring Your Own Laptop or Tablet

All candidates taking an exam will be required to have their own device, a laptop or tablet, with the ability to access Wi-Fi. If you cannot bring a laptop or tablet, you will need to register with PSI testing centers instead of taking the exam(s) on site.

For more information, please visit: <https://radoncourses.com>

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 can attend the mitigation course from Wednesday thru Friday and take the exam on Saturday.

Instructors:

Bill Angell – Measurement | Andy Kelley - Mitigation

Accommodations: (arrange your own accommodations)

Hotel 340 | 340 Cedar St. | 651-280-4120

Hyatt Place St. Paul | 180 E Kellogg Blvd | 651-647-5000

DoubleTree by Hilton Hotel St. Paul Downtown | 411 Minnesota St. | 651-291-8800

InterContinental Saint Paul Riverfront | 11 E. Kellogg Blvd. | 651-292-1900

Registration:

- To register online, visit <https://radoncourses.com/classroom/schedule#minnesota>
- To register by mail, send your completed form to:
KSU Radon Training
2323 Anderson Avenue
Suite 300
Manhattan, KS 66502
- Or, fax your completed registration form to 785-532-6952.

Please register by March 4.

Registration Fees:

5-Day Combined course and both exams	\$1250
Measurement course and exam	\$625
Measurement course only	\$450
Measurement exam only	\$175
Mitigation course and exam	\$775
Mitigation course* only	\$600
Mitigation exam* only	\$175

*previous measurement course required for mitigation course/exam

Payment:

You can pay by credit card ahead of time or we can send an invoice after you register. Payment is expected by the program start date. Course fee includes study materials, and refreshment breaks. Lunch is on your own.

- After payment and within 2 weeks of the class you will receive an email with study recommendations.

Cancellation/Refund Policy:

If you must cancel your registration, please do so as soon as possible. Substitutions are accepted. Registration fees, less a \$20 processing fee, will be refunded if notice is received by Engineering Extension office by 5 p.m. on **Monday, March 4** to modify or cancel your registration, please send a written request to radoncourse@ksu.edu with the subject line "Radon Training." After that date, due to guarantees we must give, refunds are not available. Registered participants who do not cancel their registration in writing by the deadline are responsible for the total registration fee even if they do not attend and have not paid the registration fee.

Engineering Extension at Kansas State University may cancel or postpone this program because of insufficient enrollment or other unforeseen circumstances. If the program is canceled or postponed, registration fees will be refunded but we cannot be held responsible for other costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies. Registration fees will not be cancelled and refunds will not be issued if the program is held but the registrant is unable to attend due to travel delays or cancellations caused by inclement weather, or due to other extraordinary circumstances beyond the control of Kansas State University.

Questions:

Call Stephanie Littrell at 833-723-6222 weekdays between 8 a.m. and 5 p.m. Central, or email radoncourse@ksu.edu. Please include the name of the event in the subject line of your e-mail.

For workshop content questions, call Bruce Snead at 785-532-4992.

Special Assistance:

A conference or noncredit program participant who needs accommodations due to a disability or who has special dietary requirements should indicate services needed at the time of registration. If you have further questions, please contact Stephanie Littrell at 833-723-6222. Notification by **Monday, February 25** is requested to ensure that accommodations can be provided in a timely manner.

Notice of Nondiscrimination

Kansas State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, ancestry, disability, genetic information, military status, or veteran status, in the University's programs and activities as required by applicable laws and regulations. The person designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: the Director of the Office of Institutional Equity, equity@k-state.edu, 103 Edwards Hall, Kansas State University, Manhattan, Kansas 66506-4801, 785-532-6220. The campus ADA Coordinator is the Director of Employee Relations, charlott@k-state.edu, who may be reached at 103 Edwards Hall, Kansas State University, Manhattan, Kansas 66506-4801, 785-532-6277.

**Registration Form - Radon Workshop/Exams
St. Paul, MN March 11-16, 2019**

Register Online <https://radoncourses.com/classroom/schedule#minnesota>

Or, return this form by March 4 to:

KSU Radon Training, 2323 Anderson Avenue, Suite 300, Manhattan, KS 66502

Name

Affiliation/Company

Address

City

_____ State _____ Zip

Daytime Phone

FAX

E-mail (Required for electronic registration confirmation)

Registration Fees

_____ 5 Day Combined course and both exams	\$1250
_____ Measurement course and exam	\$625
_____ Measurement course	\$450
_____ Measurement exam	\$175
_____ Mitigation course and exam	\$775
_____ Mitigation course *	\$600
_____ Mitigation exam	\$175

*(previous measurement course required)

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 _____ CVV (3-digit security code)

_____ Print Cardholder's Name

_____ Cardholder's Signature

Assistance for Participants with Disabilities/Dietary Requirements

In order to assist you, please indicate by **February 25** any special requirements and assistance needed.

For registration questions, call 833-723-6222 or email

radoncourse@ksu.edu between 8 a.m. and 5 p.m., Monday through Friday.

Agenda For Radon Measurement And Mitigation Course

Location: Union Depot – Veterans Gallery Room
214 East 4th Street | St. Paul, MN 55101

**Instructors: Bill Angell and
Andy Kelley**

Breaks We will take breaks often to stay fresh and alert

Agenda:

Day One - Measurement
7:45 Coffee, Registration Check-in
8:00 Introductions/questions/course logistics review
Radon Entry and Behavior
Physics
12:00 Lunch
1:00 Health Effects
Radon Measurement Basics and Protocols
5:00 Homework assignments and adjourn
Day Two - Measurement
8:00 Coffee
8:15 Questions and Answers
Sampling Methods and Monitors
12:00 Lunch
1:00 Quality Assurance and quality control
Radon Mitigation overview
Review and discussion
5:00 Adjourn
Day Three
8:00 Measurement Exam
1:00 Introduction to Radon Mitigation Strategies (Unit 1)
Building Investigation: Inspection and Diagnostics Procedures (Unit 2)
Homework Assignment - Read Appendices A and B
5:00 Adjourn
Day Four
8:00 Review of Day One and Question/Answers
Building Investigation: Inspection and Diagnostics Procedures (Unit 2; continued)
Worker Health and Safety (Unit 3)
ASD Installation (Unit 4)
12:00 Lunch
1:00 ASD Installation (Unit 4; continued)
ASD Installation (Unit 4; continued)
5:00 Adjourn
Day Five
8:00 Review of Day Two and Questions/Answers
ASD Installation (Unit 4; continued)
12:00 Lunch (on your own)
1:00 Other Methods that can Limit Indoor Radon Concentrations
Diagnostic Field Exercise
5:00 Adjourn
Day Six
8:00 Review of Day Three and Questions/Answers
Measuring & Mitigating Radon in Water (Unit 6)
Radon Resistant New Construction (Unit 7)
Course Review
Course Evaluation
Adjourn
12:00 Lunch (on your own)
EXAM
1:00 Registration
1:20 Radon Proficiency Examination
4:20 Examination Adjourns