

**Combined Radon Measurement  
and Mitigation Course and Exams**



**September 30 – October 5, 2019 – St. Paul, MN**

Conducted by MURC at Kansas State. For content questions call Bruce Snead at 785-532-4992.

**Location:** Hampton Inn Minneapolis-Roseville  
2050 Iona Lane West | Roseville, MN 55113  
651-209-3001

**Course Time :** 8 a.m. to 5 p.m. Monday- Saturday  
(Measurement Exam – Wednesday morning at 8 a.m.)  
(Mitigation Exam – Saturday afternoon at 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 morning.*

**Instructors:**

Bill Angell – Measurement  
Andy Kelley – Mitigation

**Accommodations** nearby- arrange your own accommodations

Hampton Inn Minneapolis-Roseville | 2050 Iona Lane West | Roseville, MN 55113 | 651-209-3001 | [Group Room Block](#)

Home2 Suites by Hilton Roseville Minneapolis | 2020 Iona Lane West | Roseville, MN 55113 | 651-925-8600

Holiday Inn Express Roseville – St. Paul | 2715 Long Lake Rd. | Roseville, MN 55113 | 651-294-7200

## **Registration**

To register online, visit: <https://radoncourses.com/classroom/schedule#minnesota>

- Or, fax your completed registration form to 785-532-2422.
- To register by mail, send your completed form to: KSU Radon Training, Unger Complex, 2323 Anderson Ave., Suite 300, Manhattan, KS 66502.

For registration questions or problems, call 833-723-6222 or email [radoncourse@ksu.edu](mailto:radoncourse@ksu.edu) between 8 a.m. and 5 p.m., Monday through Friday. **Please register by September 23, 2019. Late registrations will be charged a \$50 late fee after September 23, 2019.**

## **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:**

Please pay by credit card ahead of time. Payment is expected by the program start date. Payments made within 7 days of the course will incur a \$50 late fee. Course fee includes study materials, and refreshment breaks. Lunch is on your own.

## **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 in the conference registration office by 5 p.m. on **Monday, September 23**. To modify or cancel your registration, please send a written request to [radoncourse@ksu.edu](mailto: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 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 the radon training toll free line at 833-723-6222 or e-mail [radoncourse@ksu.edu](mailto:radoncourse@ksu.edu) for registration information. Please include the name of the event in the subject line of your e-mail. **For course 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. Early notification is requested, **by September 9**, 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](mailto: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](mailto:charlott@k-state.edu), who may be reached at 103 Edwards Hall, Kansas State University, Manhattan, Kansas 66506-4801, 785-532-6277.



## Agenda For Radon Measurement And Mitigation Course

**Location:** Hampton Inn Minneapolis-Roseville  
2050 Iona Lane West | Roseville, MN 55113  
651-209-3001

<b>Instructors:</b> <b>Measurement:</b> Bill Angell <b>Mitigation:</b> Andy Kelley
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**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 (on your own)  
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 (on your own)  
1:00 Quality Assurance and quality control  
Radon Mitigation overview  
Review and discussion  
5:00 Adjourn

### Day Three – Measurement Exam & Mitigation

8:00 Measurement Exam  
~12:00 Lunch  
1:00 Introduction to Radon Mitigation Strategies  
Building Investigation: Inspection and Diagnostics Procedures  
Homework Assignment - Read Appendices A and B  
5:00 Adjourn

### Day Four - Mitigation

8:00 Review of Day One and Question/Answers  
Building Investigation: Inspection and Diagnostics Procedures  
Worker Health and Safety  
ASD Installation  
12:00 Lunch (on your own)  
1:00 ASD Installation  
ASD Installation  
5:00 Adjourn

### Day Five - Mitigation

8:00 Review of Day Two and Questions/Answers  
ASD Installation  
12:00 Lunch (on your own)  
1:00 Other Methods that can Limit Indoor Radon Concentrations  
Diagnostic Field Exercise  
5:00 Adjourn

### Day Six – Mitigation & Mitigation Exam

8:00 Review of Day Three and Questions/Answers  
Measuring & Mitigating Radon in Water  
Radon Resistant New Construction  
Course Review  
Course Evaluation  
Adjourn  
12:00 Lunch (on your own)  
EXAM  
1:00 Registration  
1:20 Mitigation Exam