

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



July 29 – August 3, 2019 - Portland, OR

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

Location: Oregon Radon Awareness Program (ORAP) | 800 NE Oregon Street, Room 177 |
Portland, OR 97232 | 971-673-0440
Parking garages nearby:
Metro Parking - NE 7th & Irving
Liberty Centre - 657 NE Oregon St
City Center Parking - 1201 NE Lloyd Blvd

Course Time : 8 a.m. to 5 p.m. Monday- Friday
(Measurement Exam - Tuesday evening at 5:30 p.m.)
(Mitigation Exam – Saturday morning at 8 a.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:

Matt Koch – Measurement

Bill Brodhead - Mitigation

Accommodations nearby- arrange your own accommodations

Double Tree by Hilton Portland | 1000 NE Multnomah St, Portland, OR 97232 | (503) 281-6111

Hotel Eastlund | 1021 NE Grand Ave, Portland, OR 97232 | (503) 235-2100

Quality Inn Dntwn Conven. Center | 431 NE Multnomah St, Portland, OR 97232 | (503) 233-7933

Courtyard by Marriott Dntn/Con Center | 435 NE Wasco St, Portland, OR 97232 | (503) 234-3200

Inn at the Convention Center | 420 NE Holladay St, Portland, OR 97232 | (503) 233-6331

Motel 6 Portland Downtown | 518 NE Holladay St, Portland, OR 97232 | (503) 234-4391

Residence Inn by Marriot Dntn/Con Center | 1710 NE Multnomah St, Portland, OR 97232 |
(503) 288-1400

Registration

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

- 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 between 8 a.m. and 5 p.m., Monday through Friday. **Please register by July 22, 2019.**

Late registrations will be charged a \$50 late fee after July 22, 2019.

Registration Fees:

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|--------------------------------------|--------|
| 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, July 22**. 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 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 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 July 8**, 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 Course/Exams
Portland, OR July 29 – August 3, 2019

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

Or, return this form by July 22, 2019 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 **July 8** 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: Oregon Radon Awareness Program (ORAP)
800 NE Oregon Street, Room 177
Portland, OR 97232
Phone: 971-673-0440

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|---|
| <p>Instructors: Measurement: Matt Koch Mitigation: Bill Brodhead</p> |
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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
Health Effects
Radon Measurement Basics and Protocols
5:00 Homework assignments and adjourn

Day Two – Measurement & Measurement Exam
8:00 Coffee
8:15 Questions and Answers
Sampling Methods and Monitors
12:00 Lunch
Quality Assurance and quality control
Radon Mitigation overview
Review and discussion
4:30 Adjourn
5:30 p.m. Measurement Exam

Day Three – Mitigation
8:00 Radon Mitigation Introduction and Review
Building Investigation, Diagnostics and ASD Design
12:00 Lunch – on your own
Radon Mitigation Standards
Worker Health and Safety
5:00 Homework assignment and adjourn

Day Four – Mitigation
8:00 ASD Installation - continued – classroom
? Move to field site for diagnostics exercises
12:00 Lunch in field or prior to departing
Continue field activities
Return to classroom
Other Methods That Discourage Radon Entry
5:00 Homework assignment

Day Five – Mitigation
8:00 Other Methods That Discourage Radon Entry
Emanation and Air Cleaning
12:00 Lunch
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
8:30-12:00 Mitigation Exam

How to get to the
Portland State Office Building
800 NE OREGON STREET, PORTLAND, OR 97232

Driving to the PSOB: ★

From 1-5 Southbound

Take exit 302A toward City Center/Rose Quarter
Keep left at fork, follow signs for Rose Quarter, merge onto N Vancouver Ave
Turn left at N Weidler St
Turn right at NE 9th Ave
Turn right at NE Oregon St

From 1-5 Northbound

Take exit 302A for Weidler St toward Broadway/Rose Quarter
Turn right at NE Weidler St
Turn right at NE 9th Ave
Turn right at NE Oregon St

From I-84 Westbound

Take Exit 1 onto Lloyd Avenue and get into the middle lane
Turn right onto 7th Ave
Turn right onto Oregon St.

From Beaverton via Highway 26 (Sunset Hwy)

Follow signs for Seattle and 405 North
Get on the Fremont Bridge (keep left), take exit for The Dalles
Get on I-5 South
**See above directions for I-5 Southbound*

MAX Light Rail 

Get off at the **NE 7th Avenue** stop and walk two blocks south to the PSOB.

For more details, including schedules and routes, please see: trimet.org



Parking 

There are several parking garages, lots, and metered street parking spots, including:

- Lot on west of the PSOB - closed until September
- Parking garage on 7th and Oregon
- Parking garage on 7th and Irving

Parking prices vary between locations

KEY

- ★ PSOB entrance
-  Parking (cost varies)
-  MAX stop
- - MAX walk to PSOB

