



Menu

This Menu gives you quick access to all the content for *Indoor Environmental Quality*. It will also keep track of your progress as you work your way through the program's video content in the topics. When you feel comfortable with the content of a particular section, take the corresponding assessment.

Module 1:

Welcome and Introduction to the Course

This topic is:
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Topic A:

[Introduction | 19 min | Hide Content](#)

1. [Introduction | 04:35](#)
2. [Welcome from NEA and NEA HIN | 04:50](#)
3. [Course Overview | 02:00](#)
4. [Course Website Navigation | 05:55](#)
5. [Getting Started | 01:30](#)

Module 2:

Introduction to IEQ and Schools

This topic is:
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Topic A:

[Introduction to IEQ in Schools | 11 min | Hide Content](#)

1. [Agenda and Learning Outcomes | 00:45](#)
2. [Welcome from EPA | 04:10](#)
3. [IAQ Tools for Schools | 00:10](#)
4. [Definition of IEQ | 02:10](#)
5. [Negative Consequences of Poor IEQ | 04:15](#)

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Topic B:

[Health Effects of Poor IEQ | 18 min | Hide Content](#)

1. [Health Effects: Part 1 | 06:20](#)
2. [Health Effects: Part 2 | 05:05](#)
3. [Health Effects: Part 3 | 02:00](#)
4. [Health Effects: Part 4 | 02:35](#)
5. [Health Effects: Part 5 | 01:45](#)

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Topic C:

[Health Effects of Poor IEQ-Asthma | 9 min | Hide Content](#)

1. [Asthma: Part 1 | 03:55](#)
2. [Asthma: Part 2 | 04:45](#)

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Topic D:

[Effects of Poor IEQ on Performance | 15 min | Hide Content](#)

1. [Performance: Part 1 | 04:00](#)
2. [Performance: Part 2 | 05:55](#)
3. [Top 10 Ways to Lower Test Scores | 02:55](#)
4. [Summary and Closing | 02:00](#)

Assessment:

Introduction to IEQ and Schools**Module 3:
Factors that Affect IEQ**

This topic is:

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Topic A:

Introduction and Design, Construction, Location | 23 min | Hide Content

1. Agenda and Learning Outcomes | 00:55
2. Factors Responsible for Indoor Air Pollutant Increase | 01:25
3. School Design, Construction, and Location, Part 1 | 06:00
4. School Design, Construction, and Location, Part 2 | 05:25
5. Green/High-Performance Schools: Part 1 | 04:40
6. Green/High-Performance Schools: Part 2 | 04:25

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Topic B:

Ventilation Systems | 25 min | Hide Content

1. Learning Outcomes and Introduction: Part 1 | 02:25
2. Introduction: Part 2 | 03:05
3. Types of Ventilation Systems | 01:50
4. Common Problems with Ventilation Systems | 00:50
5. Natural Ventilation | 01:35
6. Mechanical Ventilation | 08:00
7. Ventilation Recommendations | 02:40
8. Temperature and Relative Humidity | 02:10
9. Pollutant Pathways and Driving Forces | 02:25

This topic is:

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Topic C:

Occupant Activities and Pollutant Sources | 15 min | Hide Content

1. Occupant Activities: Learning Outcomes | 00:15
2. Occupant Activities | 05:20
3. Pollutant Sources: Learning Outcomes | 00:30
4. Pollutant Sources Overview | 01:55
5. Control Strategies | 05:40
6. Summary and Closing | 01:35

Assessment:

Factors that Affect IEQ**Module 4:
Understanding Common Pollutant Sources in Schools**

This topic is:

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Topic A:

Outside Sources: Nearby and School Grounds | 26 min | Hide Content

1. Agenda and Learning Outcomes | 02:30
2. Toxic Pollutants | 02:35
3. Dust/Dirt and Renovation/Construction: Part 1 | 04:50
4. Renovation/Construction: Part 2 | 02:55
5. Renovation/Construction: Part 3 | 01:40
6. Mobile Sources/Diesel Exhaust | 03:00
7. Odors and Pests/Dumpsters | 00:40
8. Pesticides | 04:50

9. Portable Classrooms/Formaldehyde | 03:15

This topic is:
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Topic B:

Building Exhaust, Underground, and Inside Sources: Part 1 | 25 min | Hide Content

1. Building Exhaust | 03:30
2. Radon | 03:45
3. Sewer Gas | 02:00
4. Office Equipment/Ozone | 02:50
5. Cleaning Supplies/Chemicals/VOCs: Part 1 | 01:35
6. Cleaning Supplies/Chemicals/VOCs: Part 2 | 03:30
7. Green Cleaning | 05:45
8. Career/Technical Classroom Hazards | 01:50

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Topic C:

Inside Sources: Part 2 | 34 min | Hide Content

1. Floor Coverings: Part 1 | 04:45
2. Floor Coverings: Part 2 | 02:55
3. Floor Coverings: Part 3 | 01:15
4. Carbon Monoxide | 00:20
5. Asbestos | 05:10
6. Infectious Disease | 00:25
7. Metal Halide and Mercury Vapor Lights | 02:30
8. Cockroaches and Products from Home/Fragrances | 00:50
9. Mold | 04:50
10. Pet Dander | 01:00
11. Dust Mites | 00:25
12. Temperature Extremes | 02:00
13. Lead | 00:25
14. Glass Fiber | 02:25
15. Art Supplies | 00:15
16. Mercury/Science Supplies | 02:10
17. Carbon Dioxide | 00:25
18. Summary and Closing | 01:40

Assessment:

Understanding Common Pollutant Sources in Schools

Module 5: Effective Organizing Strategies

This topic is:
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Topic A:

Effective Organizing Strategies | 35 min | Hide Content

1. Introduction, Agenda, and Learning Outcomes | 02:50
2. Garnering Support for Collective Action | 05:20
3. Health and Safety Committees | 01:35
4. NJEA Worksite Safety and Health Committee | 03:15
5. Becoming the Educated Advocate | 01:30
6. Air Sampling | 02:45
7. Walkthroughs and Surveys | 07:00
8. Assess, Prioritize, Recommend Solutions/IAQ Tools for Schools | 02:15
9. Organizing the Community | 01:20
10. Contract Language/District Policy and Alternative Tactics | 04:00
11. Summary and Closing | 02:40

Assessment:

Effective Organizing Strategies