

## Training Matrix | Facilities Engineers

Name: \_\_\_\_\_ Job Title: \_\_\_\_\_ Year: \_\_\_\_\_

This matrix outlines the required and recommended environmental, health, and safety training for your job. Online training and registration for in-person training offered by Environmental Health and Safety can be found on [myHR Learn](#). Courses that are automatically assigned in myHR Learn are denoted with an asterisk.

Course	Regulatory Authority	Recommended or Required/Frequency	Completion Date
Asbestos	29 CFR 1910.1001	<a href="#">In-Person (initial)</a> required initially and <a href="#">In-Person (refresher)</a> annually thereafter for anyone who may disturb asbestos-containing material; <a href="#">In-Person</a> required initially and annually thereafter for all others	
Back Injury Prevention		<a href="#">Online*</a> required for all initially and periodically thereafter	
Behavior-Based Safety		<a href="#">Online*</a> recommended for all initially and periodically thereafter	
Bloodborne Pathogens	29 CFR 1910.1030	<a href="#">Online*</a> required for all initially and annually thereafter	
Boiler Maintenance Safety		<a href="#">Online</a> recommended for all initially and regularly thereafter	
Cold Stress in the Workplace		<a href="#">Online*</a> recommended for all initially and periodically thereafter	
Compressed Gas	29 CFR 1910.101	<a href="#">Online*</a> required for all who use compressed gas initially and periodically thereafter	
Confined Spaces: Awareness	29 CFR 1910.146	<a href="#">Online*</a> required for all initially and periodically thereafter	
Confined Spaces: Authorized Entrants, Attendants, and Supervisors (theory – classroom)	29 CFR 1910.146	<a href="#">In-Person</a> required for all initially, conditionally (i.e., new job, responsibility, workplace changes, post-incident, and supervisor discretion), and every 3 years thereafter	
Confined Spaces: Authorized Entrants, Attendants, and Supervisors (practical/ demonstration – in-field)	29 CFR 1910.146	<a href="#">In-Person</a> required for all initially, conditionally (i.e., new job, responsibility, workplace changes, post-incident, and supervisor discretion), and every 3 years thereafter	
Control of Hazardous Energy (Lockout/Tagout)	29 CFR 1910.147	<a href="#">Online*</a> required for all initially, conditionally (i.e., change in work assignment, machines/equipment, or LOTO procedure), and periodically thereafter; <a href="#">In-Person</a> <sup>1</sup> required for all and periodically thereafter	
Electrical	29 CFR 1910 Subpart S	<a href="#">Online*</a> required for all initially and periodically thereafter	

<sup>1</sup> Contact [Environmental Health and Safety](#) to schedule in-person training.

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Electrical Hazards and Safety		<a href="#">Online</a> recommended for all initially and regularly thereafter	
Emergency Evacuations	29 CFR 1910.38	<a href="#">Online*</a> required for all initially and annually thereafter; In-Person <sup>2</sup> fire drills required at specific buildings annually and recommended at all others annually; In-Person <sup>3</sup> ad hoc training is available upon request	
Fall Protection: Awareness	29 CFR 1910.28	<a href="#">Online*</a> required for all initially and periodically thereafter	
Fall Protection: Authorized Person	29 CFR 1910.28	<a href="#">In-Person</a> required for designated “authorized persons” initially, conditionally (i.e., new job, responsibility, workplace changes, post-incident, supervisor discretion), and every 3 years thereafter	
Fall Protection: Competent Person	29 CFR 1910.28	<a href="#">In-Person</a> required for designated “competent persons” initially, conditionally (i.e., new job, responsibility, workplace changes, post-incident, supervisor discretion), and every 3 years thereafter	
Fire Extinguishers	29 CFR 1910.157	<a href="#">Online*</a> required for all initially and annually thereafter; <a href="#">In-Person</a> , hands-on required for all who perform hot work and recommended for all others initially and annually thereafter	
Fire Protection System Maintenance Safety		<a href="#">Online</a> recommended for all initially and regularly thereafter	
First Aid and CPR/AED	29 CFR 1910.151	In-Person <sup>4</sup> recommended for all (at department’s discretion) initially and every other year thereafter	
Flammable and Combustible Liquids	29 CFR 1910.39	<a href="#">Online*</a> required for all initially and periodically thereafter	
Hand and Power Tools	29 CFR 1910 Subpart I	<a href="#">Online*</a> required for all initially, when there’s a change in equipment, and periodically thereafter; In-Person <sup>5</sup> required for all initially and periodically thereafter	
Hazard Communication	29 CFR 1910.1200	<a href="#">Online*</a> required for all initially, when there’s a new hazard, and annually thereafter; <a href="#">In-Person</a> required for Hazard Communication Coordinators initially and annually thereafter	
Heat Illness Prevention		<a href="#">Online*</a> required for all initially and periodically thereafter	
Hot Work Permit Requirements	29 CFR 1910 Subpart Q	<a href="#">Online</a> required for all who review and approve hot work permits initially and periodically thereafter	
Incident Investigation		<a href="#">Online*</a> recommended for all initially and periodically thereafter	
Industrial Ergonomics		<a href="#">Online*</a> recommended for all initially and periodically thereafter	

<sup>2</sup> Contact [Environmental Health and Safety](#) to schedule in-person fire drills.

<sup>3</sup> Contact [Environmental Health and Safety](#) to schedule in-person ad hoc training.

<sup>4</sup> Available from multiple sources, including [Research Safety](#).

<sup>5</sup> Certain tools (e.g., powder-actuated tools) require specialized tool-specific training, which is often times provided by the manufacturer. Contact [Environmental Health and Safety](#) for more details.

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Course	Regulatory Authority	Recommended or Required/Frequency	Completion Date
Job Hazard Analysis		<a href="#">Online*</a> recommended for all initially and periodically thereafter	
Laboratory Safety Awareness	29 CFR 1910.1450	Online <sup>6</sup> required for all who work in laboratories initially, and a refresher is required every 2 years thereafter	
Ladders	29 CFR 1910.23	<a href="#">Online*</a> required for all who use ladders initially and annually thereafter	
Machine Guarding	29 CFR 1910 Subpart O	<a href="#">Online*</a> required for all initially and annually thereafter	
Mobile Elevated Work Platforms (MEWPs)	29 CFR 1910 Subpart F	<a href="#">Online*</a> and In-Person <sup>7</sup> required for all who operate MEWPs initially and every 3 years thereafter; <a href="#">Online</a> recommended for all others who work in close proximity to MEWPs initially and periodically thereafter	
Mold and Mildew Awareness		<a href="#">Online*</a> required for all initially and periodically thereafter	
Occupational Noise Exposure	29 CFR 1910.95	<a href="#">Online*</a> required for all initially and annually thereafter	
OSHA 10-Hour General Industry	29 CFR 1910	<a href="#">In-Person</a> recommended for all initially	
Overhead and Gantry Cranes and Hoists	29 CFR 1910.179	<a href="#">Online*</a> required for all who operate cranes and hoists initially and regularly thereafter	
Pallet Jacks	29 CFR 1910.178	<a href="#">Online*</a> and In-Person <sup>8</sup> required for all who operate a pallet jack initially and every 3 years thereafter	
Pedestrian Safety Around Forklifts	29 CFR 1910.178	<a href="#">Online*</a> recommended for all initially and periodically thereafter	
Personal Protective Equipment	29 CFR 1910 Subpart I	<a href="#">Online*</a> required for all initially, when there's a change in PPE use, and periodically thereafter	
Powered Industrial Trucks (PITs)	29 CFR 1910.178	<a href="#">Online*</a> and In-Person <sup>9</sup> required for all who operate a PIT initially and every 3 years thereafter; <a href="#">Online</a> recommended for all others who work in close proximity to PITs initially and periodically thereafter	
Respirable Crystalline Silica (RCS)	29 CFR 1910.1053	<a href="#">Online*</a> required for all with potential exposure initially and periodically thereafter, and recommended for all others initially and periodically thereafter	
Resource Conservation and Recovery Act	40 CFR 239-282	<a href="#">Online*</a> required initially and annually thereafter; <a href="#">In-Person</a> required for all who coordinate hazardous waste pick-up sites initially and annually thereafter	

<sup>6</sup> Contact [Research Safety](#) for details.

<sup>7</sup> Contact [Environmental Health and Safety](#) to schedule train-the-trainer training, if your department does not already have a designated trainer for the in-person training.

<sup>8</sup> Contact [Environmental Health and Safety](#) to schedule in-person training.

<sup>9</sup> Contact [Environmental Health and Safety](#) to schedule in-person training.

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Course	Regulatory Authority	Recommended or Required/Frequency	Completion Date
Respiratory Protection	29 CFR 1910.134	<a href="#">Online*</a> required for all initially and annually thereafter; In-Person <sup>10</sup> required for all who wear a respirator initially, any time there's a new hazard, and annually thereafter	
Scaffolds	29 CFR 1910.28 refers to 29 CFR 1926.451	<a href="#">Online*</a> required for all initially and periodically thereafter	
Slips, Trips, and Falls	29 CFR 1910.22	<a href="#">Online*</a> recommended for all initially and periodically thereafter	
Welding, Cutting, and Brazing (Hot Work)	29 CFR 1910 Subpart Q	<a href="#">Online*</a> required for all who operate welding, cutting, or brazing equipment initially and periodically thereafter	
Working with Non-Human Primates	NU CCM Policy	In-Person <sup>11</sup> required for all who work in proximity to non-human primates in CCM Labs initially and annually thereafter	

<sup>10</sup> Contact [Environmental Health and Safety](#) to schedule a medical evaluation and/or respirator-specific training/fit testing.

<sup>11</sup> Provided by CCM. Contact [Michael Ostrowskyj](#) or [Danielle Stephens](#) to schedule training.