

INDUSTRIAL HYGIENE COURSEWORK

The Board requires applicants to document completion of 180 academic contact hours or 240 continuing education contact hours of specific industrial hygiene courses. At least half of the required coursework (90 academic or 120 continuing education contact hours) must cover the broad subjects of industrial hygiene toxicology, fundamentals of industrial hygiene, measurements, controls and ethics.

Acceptable toxicology courses will cover the essential aspects of toxicology (adverse effects of chemicals on living systems) with an emphasis on humans. Topics covered are likely to include dose response relationships; absorption, distribution, metabolism and excretion of toxic substances in the body; biotransformation; organ systems; chemical carcinogenesis & mutagenesis; etc.

Fundamentals courses are likely to address recognizing hazards/stressors found in the work environment. This includes chemical, physical (noise, radiation, thermal), biological and ergonomic stressors.

Measurement courses and control (engineering, substitution, administrative, PPE) courses will address the same four broad stressor categories as fundamentals (chemical, physical, biological and ergonomic).

Ethics courses are interpreted very broadly today. For example, appropriate subject matter includes: business conflicts, workplace relationships, technical judgment that compromises the values of an organization, integrity, professional conduct, confidentiality of sensitive information (e.g. HIPPA, human subject protection during research projects, employee medical records), conflict of interest and intellectual property rights/plagiarism.

To meet the 90/120 contact hours required in the broad IH subject areas, you may, for example, meet the requirement for fundamentals by taking a course titled Fundamentals of IH or a series of courses that, when added together, substantially equal a fundamentals course. In some combination, you are expected to show coursework in all four broad IH subject areas (toxicology, fundamentals, measurements and controls).

The remaining coursework may be in industrial hygiene subjects that are narrower in scope (i.e. asbestos, lead, mold, confined space entry, etc.). Regulatory refresher courses can only be counted once.

Stand-alone industrial hygiene related specialty exams for other professional certifications as well as many other non-certification exams used for licensing and registration can be used as narrow scope continuing education contact hours. Stand-alone exams are those offered independently from any other educational activities such as classes or workshops. See the Candidate Handbook for more details.

The IH Coursework requirement can be satisfied if the necessary contact hours were completed as part of the applicant's academic degree.

Academic courses, continuing education courses or a combination of both can be submitted. One semester hour equals 15 academic contact hours and one quarter hour equals 10 academic contact hours. One CEU equals 10 continuing education contact hours. For documentation of CEUs, copies of certificates need to be sent with the application. **If the number of contact hours or CEUs are not on the certificate, an agenda must be included.**

New applicants are required to document that they have completed at least two contact hours of coursework in ethics. This will count as part of the current Industrial Hygiene coursework requirement. Credit for ethics is capped at 5 contact hours.

Industrial Hygiene Degree

If you completed an ABET accredited industrial hygiene bachelors or masters program and your transcripts have been sent to the Board, you do not need to submit this document, but you still need to document two hours of IH coursework in ethics.

Other Bachelor Degree

If you completed a degree other than an IH degree and it meets the requirement for at least 60 semester hours of science, and your transcripts have been sent to the Board, please list any pertinent academic industrial hygiene coursework and at least two hours of ethics.

Other IH Academic or Continuing Education Courses

If you have taken academic courses that were not part of your degree or continuing education courses to fulfill the industrial hygiene coursework requirement, or successfully completed IH related exams, please list them below and provide documentation (transcript, certificate of completion, exam documentation).

Academic Industrial Hygiene Coursework

College/University	Course Title	Contact Hours*

*One semester hour equals 15 academic contact hours
One quarter hour equals 10 academic contact hours.

Continuing Education Industrial Hygiene Coursework

Sponsor	Course Title	Contact Hours*

*One CEU equals 10 continuing education contact hours

Stand-alone Exams

Sponsor	Exam Title	Contact Hours*

*One contact hour for each hour allotted to the exam.

Ethics

Sponsor	Course Title	Contact Hours*

*Two ethics contact hours needed. Credit is capped at 5 contact hours.