PHARMACEUTICAL AND cGMP EDUCATION PROGRAMS

We help you enhance and embed the right culture throughout your organization.

The pharma biotech sector continues to face unprecedented levels of change as a result of both the economic and regulatory environments we face. The need for a "pharmaceutically" well-educated and motivated workforce at all levels, that understands not just the "whats" but also the "whys," has never been higher. In addition to our core courses in quality management, we are continuing to add courses in areas of increased industry focus such as auditing and supply chain topics to allow you to keep current and continue to develop as pharmaceutical professionals.

TRAINING APPROACH

At NSF International we believe that training should involve the transfer of knowledge in an effective and enjoyable fashion. When you leave our courses, we want you to retain information and put it to immediate use. Therefore, you will find our courses to be highly interactive and participatory, employing case studies and creative exercises.

Each of our trainers has extensive industry experience and is highly qualified to impart knowledge in a classroom setting. We design our courses to help trainers convey information in the most effective manner.

We offer several options to help your company educate and train your staff, from operators to senior leaders. Give your company a leading edge by developing your staff's understanding of the pharmaceutical sector to enhance their risk-based decision-making to focus on the patient.

ON-SITE TRAINING: WE BRING THE EXPERTS TO YOU

NSF is globally recognized as a provider of top quality on-site training. We provide professional development of your staff members to help them understand the basics and learn the new and constantly changing expectations of global regulators and legislators.

Our on-site modular program is customized based on your needs and focused on the education that QPs (Qualified Persons) need to perform their jobs, expanded to account for the global nature of industry (covering U.S. and other international markets). The program generally consists of 12 modules run over 12 to 18 months, with each module typically lasting four to five days.

The program enables your staff from a variety of departments to truly understand the regulations, legislation and current Good Manufacturing Practices (cGMPs): why these exist, what the risks are and how they affect their specific role. Each module is interactive, combining classroom lectures, learning activities and teamwork

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as well as the possibility for internal projects. Our staff works with your company to identify the appropriate modules and content. Course materials and case studies are based on your company's products and procedures. Customizable modules include:

- Human Reliability: Human Error Reduction (understanding causes and tools for prevention)
- Global GMPs and Inspection Readiness
- The Role of the Qualified Person or Release Professional
- Quality Systems (commercial and R&D)
- Pharmaceutical Analysis and Testing
- Pharmaceutical Law & Regulation (global: includes recent changes and hot topics)
- Supply Chain
- Emerging Markets
- Components and Dosage Forms (API, excipients, small molecule, large molecule, vaccines)
- Specific Technologies (steam sterilization, environmental monitoring, pharmaceutical packaging, microbiology)
- Corporate Integrity

PUBLIC COURSES

We also offer a variety of education classes where your staff can interact with individuals from other companies. The courses cover the same selection of topics as the on-site program but provide more general, industry-wide examples and case studies.

Courses range from one-hour webinars to half-day to four-day programs, with a balance of lecture, discussion and interactive activities.

For more information visit our website at www.nsf.org/info/pharmabiotech, email uspharma@nsf.org or call +1 202 822 1850.

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Use of NSF consulting services or attending NSF training sessions does not provide an advantage, nor is it linked in any way to the granting of certification.