Safety Engineering Program
Graduate Certificate

Offered on-campus and online

WHY STUDY SAFETY ENGINEERING WITH THE UNIVERSITY OF PITTSBURGH?

Pitt’s Graduate Certificate Program in Safety Engineering bridges the considerable gap between safety professionals and engineers. In light of a changing workforce this program is not only anchored in engineering concepts, but also aims to instill in our students an unwavering commitment to the culture of safety.

This interdisciplinary program is 15-credits: three required courses and two electives. Our electives allow a student to customize coursework to their individual interests and industry. Our curriculum meets organizational staff training needs by building a technical base of competency to address safety engineering concerns across disciplines. This certificate is applicable for engineering staff with safety responsibilities and non-engineering safety professionals seeking to further develop their safety engineering capabilities. Pitt’s commitment to partnering with regional and national organizations not only allows companies to satisfy their staff training needs, but further enhances the innovation and research that will engineer the future.

WHY SWANSON ONLINE?

Pitt’s state of the art online technology makes it possible to attend lectures alongside of our on-campus students. In combining our online and on-campus classes, we are able to create collaborative learning environment of students with similar interests but diverse educational and professional backgrounds. The flexibility to attend an on-campus class, join a lecture online, or view a recorded lecture enables you to select the learning style that works best for you and your schedule.

ADMISSIONS REQUIREMENTS

BS in Engineering from an ABET accredited university program,

OR

BS in other field plus a minimum of three years of industry experience.

NOTE: Candidates with other educational and professional backgrounds will be considered on an individual basis. Additional coursework may be required to ensure skill set necessary for success in the program.

FOR MORE INFORMATION

online.engineering.pitt.edu
The safety engineer is a critical role that requires an individual to understand, characterize, quantify, and fix the complex hazards of dynamic industrial processes. In today's complex working environments, whether an assembly line, hospital or nuclear plant, safety engineering maintains worker health, ensures efficiency and helps to reduce costs.”

Safety Engineering Program
Graduate Certificate (continued)

Upon acceptance, each of you will be assigned a faculty advisor to help guide your studies. With two electives included in the program, you and your advisor can tailor the program to meet your educational goals per areas of interest.

DELIVERY
- On-Campus
- Online

TOTAL CREDITS
- Certificate – 15

ENTRANCE EXAM
- None Required

ADDITIONAL ADMISSIONS REQUIREMENTS
- Two Letters of Recommendation
- Unofficial Transcripts

Required for Graduate Certificate
IE 2301 Intro to Safety Engineering
IE 2302 Engineering for Process Safety
IE 2303 Work Design

Electives – 6 credits
On-campus students are encouraged to explore elective options with the Program Director, but traditionally satisfy electives from engineering graduate courses in specialized areas which are of interest. If you are a current MS student, there is potential that current MS program requirements can be used to satisfy electives allowing you to complete your MS and a Graduate Certificate simultaneously.

Online students can choose from our online graduate engineering courses across multiple programs including: Civil and Environmental Courses, Construction Management, Electric Power Engineering, and Nuclear Engineering. You are encouraged to work with the Program Director to identify courses that will advance your career goals and educational passions.

Please visit online.engineering.pitt.edu for more online elective information.

For more information about our Graduate Safety Engineering Programs, please contact:

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