

ADVANCED SAFETY COURSE

Online and On Demand

COURSE DESCRIPTION

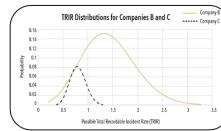
This self-paced virtual course is designed for front-line supervisors, safety professionals, managers, and others who wish to enhance their personal knowledge and take their safety program to the next level with evidence-based strategies. This time-tested university-level course summarizes nearly two decades of research and over 100 technical publications in a way that it is easily understood by a broad audience. The course features important topics that are shaping the future of worker safety such as energy-based hazard recognition, leading indicators, and precursor analysis. Each section is approximately one hour in length, totaling 15 hours for the full curriculum.

COURSE CONTENT



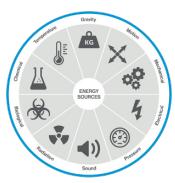
Block 1: Introduction

- Accident causation and analysis
- Human error
- Prevention through design



Block 4: Safety Measurement

- Tyranny of TRIR
- Safety leading indicators in theory
- Safety leading indicators in practice



Block 2: Energy-Based Safety

- Energy-based hazard recognition (Energy Wheel)
- Using energy magnitude to assess severity
- Safety Classification and Learning (SCL) Model



Block 5: Prevention and Risk Analysis

- Precursor analysis
- Safety risk analysis
- Contingent liability modeling (safety economics)



Block 3: Application to the Jobsite

- Excellent pre-job safety briefs
- Managing change using stop work
- Safety observations using energy and controls assessment

METHOD OF INSTRUCTION

INSTRUCTOR

This course is taught by **Dr. Matthew Hallowell**, Endowed Professor and Executive Director of the Construction Safety Research Alliance at the University of Colorado at Boulder. He has delivered research-based safety material to over 15,000 workers, managers, and students worldwide.

As a former construction laborer, Dr. Hallowell is practically oriented and makes his materials accessible to a broad audience. For his overall excellence as an instructor, he has received the Charles Hutchinson Memorial Teaching Award, the John and Mercedes Peebles Teaching Awarded, and a lifetime appointment as a Presidential Teaching Scholar.

DELIVERY

The course was professionally recorded in a studio with a green screen and high-quality audio. Delivery includes activities, examples, simulations, and other techniques to enable active learning in a virtual setting.

To ensure the material is of the highest quality, over 15 hours of preparation, recording, and editing time (and countless hours of research) are required for every hour of content.



The materials were created in collaboration with Construction Education, a veteran owned small business based in Colorado, USA.

TAKE-AWAYS

Courses include a certificate of completion issued by Dr. Hallowell and access to all reference materials. Additionally, using our Thinkific platform, you retain course videos and reference materials to access later.

PRICING

FOR INDIVIDUALS

Individual blocks: **\$99 per seat** | Full course: **\$499 per seat**

FOR COMPANIES

Companies may purchase bulk seats or license the training materials as a subscription. All subscriptions include unlimited internal use of all course materials and subscribers may use our training platform (Thinkific) or their own learning management system (LMS).



SAFETY FUNCTION

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in partnership
with



REVIEWS

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“We should all be doing this. This is how we make our industry better. This is how we kill fewer people. This is how we send our workers home safely every day.”

— Jeremy Hakes, Safety Manager at Adolfson and Peterson

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“The energy-based approach is backed by science yet is so easy to understand. Once the initial training to leadership and field crews has been done, the change in conversations is immediately evident. The delivery of the material is engaging and generates overwhelmingly positive feedback from participants.”

— Craig Lowrie, VP of Health and Safety at Flynn Group

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“Dr. Hallowell’s delivery is creative, engaging, and interesting. I left the session understanding how to enhance hazard recognition and risk assessment at the front line.”

— Jenny Bailey, Director of Safety and Health, at Xcel Energy

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“The energy-based safety approach has been transformational for our business. You can tell when it’s working. You hear the conversation change in the workplace, your data trending re-focuses to potential severity, and the frequency of potential serious injuries and fatalities is reduced. That’s what we’ve observed.”

— Mike Court, Sr. Vice President of Health, Safety, Environment, and Quality, at Graham Construction.

FOR MORE INFORMATION



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