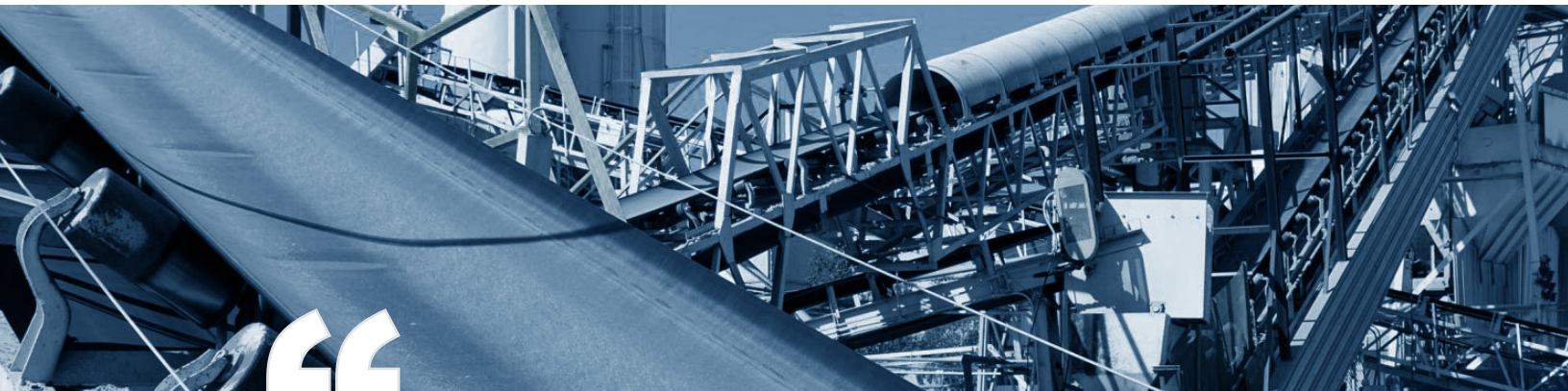


Groundbreaking course for Belt Conveyor Design

Taught by industry expert Andrew Hustrulid, PhD, PE
Location: Colorado School of Mines



Designed for a broad range of professionals, the course is particularly suited for those involved in conveyor systems at bulk material handling facilities, including large mining operations, ports, power plants, industrial facilities, and the grain and wood processing industries.

Almex Group is excited to announce the addition of a groundbreaking course titled **“Belt Conveyor Design - Engineering, Component Selection, Installation, and Maintenance,”** taught by the esteemed Dr. Andrew Hustrulid, Senior Vice President of Global Services at Shaw Almex Industrial Limited. Scheduled for April 24-26, 2024, this course is set to revolutionize the way design engineers, owners, and operators of belt conveyors enhance the performance and reliability of their systems.

The curriculum of the course delves deeply into conveyor component selection and design, with a focus on modern and safe belt repair, installation, and replacement techniques. Participants will gain an understanding of conveyor system monitoring and the innovative use of digital twins in the field. The course offers a unique perspective, providing knowledge not typically found in books or computer programs, but rather from the inside view of a component supplier and field service crews. Attendees will explore various aspects of conveyor systems, including belting, splicing, idlers, pulleys, transfer chutes, and their interactions in an overall system approach. The course will also introduce leading-edge technologies such as lasers, magnetic flux leakage scanning, x-rays, RFID tags, thermal imaging, vibration monitoring, digital twins, and artificial intelligence, and their applications in conveyor systems.

Belt Conveyor Design cont...

Participants who complete the course will be awarded 2.1 Continuing Education Credits (CEUs) by the Colorado School of Mines. The course spans three days, with a comprehensive agenda covering topics such as Belt Conveyor Systems, Conveyor Design Fundamentals, Belt Replacement and Installation, Conveyor and Belt Monitoring, and Transfer Point Design.

WHO SHOULD ATTEND?

Designed for a broad range of professionals, the course is particularly suited for those involved in conveyor systems at bulk material handling facilities, including large mining operations, ports, power plants, industrial facilities, and the grain and wood processing industries. It is beneficial for individuals with mechanical, electrical, or mining engineering backgrounds, as well as those without an undergraduate engineering degree.

REGISTRATION:

Registration for the course is now open, with an early registration fee of \$1,795.00 (USD) and a regular registration fee of \$1,995.00 (USD).

Fee includes course tuition, additional materials, and meals.

The event will take place at the Colorado School of Mines campus in Golden, Colorado, USA, near Denver. For more information on registration and assistance, interested parties are encouraged to contact Continuing and Professional Education Services at Colorado School of Mines.

Learn more at <https://learn.mines.edu/conveyor/>



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