

Risk Management Center Training DLS-204

Levee Design and Analysis Course



US Army Corps
of Engineers®
Dam and Levee
Safety Programs

Course Overview

This course will teach fundamental design principles and processes that incorporate risk-informed decision-making framework to improve consistency and quality of levee designs and encourage active communication from all parties in the process.

Learning Objectives

By the end of this training course, participants will have the ability to:

- Improve consistency and quality of designs.
- Implement the shift from standards-based to risk-informed approach.
- Establish a common language and foundational understanding of levee design principles and processes.
- Promote a collaborative approach to design.

FEATURES

- Training with USACE experts
- Real-world case studies with practical application through hands-on exercises

Target Audience

This training course is designed for engineers, scientists, and planners responsible for the design, construction, and evaluation of federally authorized levees.

Format

This is a three-day (8 a.m. – 5 p.m.), in-person training course that will include multi-discipline lectures and demonstrations from USACE instructors as well as homework, hands-on individual and group exercises, and group discussions. Feedback on the course will be encouraged during and after the course. A workbook of required materials and online resources will be provided to participants. Participants must bring a laptop.

Contact & Registration



Lead Instructors

Brad Arcement and Noah Vroman
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Level

Intermediate (200 series)
Courses at this level are devoted to a particular discipline or area of practice. Intermediate courses may require a prerequisite at the fundamental level.



Professional Development Hours (PDH)

20 PDHs



Course Credit and Certificates

The course completion certificate is awarded based on successfully meeting all course requirements and passing the final assessment. To earn the fully allotted amount of PDHs, you must attend the entire course, actively participate, complete all course pre-work, homework assignments, and accompanying questions, and complete the course pre-test and final evaluation. Partial PDHs may not be earned for partial course attendance.



Registration & More Information

(registration subject to availability of seating and is not guaranteed)
www.rmc.usace.army.mil/training/

LEVEE SETBACK
CONSTRUCTION