



Solving Complex Problems - Syllabus for Winter 2022

Instructor: Kim Erslev, Architect and Landscape Architect
Core faculty member of the Conway School

Description

In this hands-on online course, participants will be provided grading exercises to complete that are more advanced than in the Site Grading Fundamentals course. This course also provides more in-class time to work directly with the instructor to follow the process and have your questions answered. Participants will have access to instructor videos both during and after the course.

Participants need to have a solid base of understanding of grading prior to class. A prerequisite for this course is either completion of the Site Grading Fundamentals course or completion of a grading exercise provided by the instructor prior to registration. Please contact CJ Lammers at Institute@cslid.edu for more information.

Course Schedule and Zoom Link

Sundays 3:00-5:00 pm Eastern Time (US and Canada)

THREE classes

March 19, 2023, March 26, 2023, and April 2, 2023

Zoom link will be provided to registered participants. All classes will be recorded on zoom for playback later. All class materials will be available to students after registration and for two months after the course.

For questions about the workshop:

contact Kim Erslev at erslev@cslid.edu; office hours available upon request

For for connectivity or logistical issues:

contact CJ Lammers at Institute@cslid.edu or 413-270-2372

All of the materials created for this course are the property of the Conway School.

Detailed Schedule

Prior to class participants will receive grading exercises via email and will need to print them out at 100% or actual scale for class on 8 ½ x 11” paper. Participants will need an engineer’s scale, pencil, eraser, red pen, calculator, and a digital camera (can be a phone) or printer scanner (preferred). A flexible curve and rolling ruler are optional.

CLASS 1: March 19th 3-5pm

Introduction to the Solving Complex Problems course
Reminders of grading conventions, signatures, and typical slope gradients
Three grading exercises: basketball court, berm, and a road

CLASS 2: March 26th 3-5pm

Q and A on previous exercises
Three grading exercises: road, parking, and a building

CLASS 3: April 2nd 3-5pm

Q and A on previous exercises
Three grading exercises: road with swales, grading around a house, and grading for a building, driveway, and path

Class Format (times may vary, based on number and depth of questions)

Before Class: Participants will download and print out practice sheets and homework and preview and/or review class videos when assigned.

During Class: The instructor will introduce the exercise and be available to answer questions while participants work through the design challenge. The instructor will present a way to solve the challenge (acknowledging that there may be more than one solution) and the class will discuss.