

## **Effluent Conveyance Module Perspective**

1. What is the topic?
2. Who is (are) the audience(s)?
3. What is the course goal?
4. What are the learning objectives?
5. What are you trying to cover?
6. How do you plan to do this?
  1. The topic for this course module is Effluent Conveyance for onsite and decentralized system design.
  2. The target audience includes senior-level and graduate environmental engineering and environmental science students.
  3. The goal of this course module is to teach students the necessary gravity and pressure distribution hydraulics for the design and design review of gravity flow and pressure onsite and decentralized wastewater systems.
  4. After the successful completion of this module, the students will be able to size adequate pipes required for onsite and decentralized wastewater systems.
  5. Topics included in this course module are the essential aspects of gravity hydraulics necessary for onsite systems including; relevant equations, frictional losses, and overall system design. Also the essential aspects of applied hydraulics necessary for onsite systems including; continuity and energy considerations, frictional losses, and overall system design.
  6. This course module includes a use of PowerPoint presentations, graphics, text, and an instructor's guide with design examples.