



<https://pixy.org/417674/> 10/14/2020

Quick Quiz: What is the most important medical advance since 1840? Discovering DNA? Nope. Vaccines? Nope. Anesthesia? Nope. Antibiotics? Nope. According to a poll of 11,362 medical professionals reported in the *British Medical Journal*,* the most important medical advance since 1840 is sanitation—clean water and sewage disposal. **Civil engineers to the rescue!**

This course provides the theory, software (EPANET and SWMM), and design experience required to design pipe networks to deliver potable water and sewers to collect wastewater.

Who should take this class?

Graduate students in Hydrologic, Environmental, and Sustainability Engineering (<http://engineering.ucdenver.edu/HESE>) take CVEN-5426. Undergraduate civil engineers take this **design course** CVEN-4426 or 5426 after earning an A/B in CVEN-3313 Fluid Mechanics.

Instructor: Matthew Hayes, P.E. (david.mays@ucdenver.edu)

Schedule: Monday/Wednesday 3:30-4:45 pm starting Wednesday 1/22nd

Textbook: Custom book available through campus bookstore in Tivoli Student Union.

Register: Current students → <http://www.ucdenver.edu/UCDAccess>
Prospective students → www.ucdenver.edu/admissions/Non-Degree

* https://www.bmj.com/content/suppl/2007/01/18/334.suppl_1.DC3 10/15/2020.