

CWR 4204 – HYDRAULIC ENGINEERING – SPRING 2025

Instructor: Professor Fuentes

Office: EC 3671 – Office Hours: M: 10:00AM-12:00PM, W: 12:00PM-2:00PM

Assigned Study Material: Chapters 4 and 5

Homework Set No 3:

(Each homework is graded over 100 points; each problem is worth 20 points maximum)

Required Problems: 4.3.3 (35 points), 4.4.3 (a, b, and c; 30 points), and 4.5.7 (35 points)

Teams have the choice of using the computer model EPANET to solve Problem 4.4.3; the EPANET software is downloadable from the USEPA website for free.

Due date: February 20, 2025 (at the start of the 1st lecture or anytime in earlier days)

***Recommended Practice Problems:* 4.2.5, 4.2.8, 4.3.3, 4.3.7, 4.4.5, 4.5.5, 4.6.1, and 4.6.6**

(You are encouraged to practice solving these problems in groups, with your classmates, consulting with Professor Fuentes on a need basis)

Project Proposal: Due on February 24, 2025 (See details in Project Addendum)

Exam No. 2: Monday, March 17, 2025