

CWR 4204 – HYDRAULIC ENGINEERING – SPRING 2024

Instructor: Professor Fuentes

Office Hours: M, W: 10:30-12:00PM

Assigned Study Material (Including in-progress review of Fluid Mechanics: Basics of Flow):

Chapters In-Review 1, 2, 3; plus, New Chapter 4

Homework Set No 2:

(Each problem is worth 25 points maximum; maximum homework grade is 100 points)

Required Problems: 3.11.10, 3.12.4, 4.1.1. and 4.1.2

(In Problem 3.11.10 account for all friction and minor losses; in Problem 3.12.4 use $f = 0.010$ for Branch 1 and 0.015 for Branch 2)

Due date: Monday, February 5, 2024 (at the start of the first lecture)

Recommended Practice Problems: 3.7.5, 3.11.7, 3.11.10, 3.12.6, 3.12.7, 4.1.3, 4.1.6, 4.1.8, and 4.1.10.

Exam No. 1: Monday, February 19, 2024

Project Proposal: March 4, 2024 (See Project Addendum for details)

Exam No. 2: Monday, March 25, 2024