

CE618 - Applied Hydrogeology

Spring 2024

Text: Applied Hydrogeology by C. W. Fetter, Fifth/Fourth edition**Instructor:** Prof. Y. Ding, 264 Colton hall, 973-642-7046, ding@njit.edu*Prerequisite: Undergraduate course in fluid mechanics*

WEEK	TOPIC	
1	Chapter 1, handout	
2	Chapter 2, handout	
3	Chapter 3, handout	
4	Chapter 4, handout	
5	Chapter 5, handout	
6	Chapter 5, handout	
7	Exam 1	Details will be confirmed on canvas
8	Chapter 6, handout	
9	Chapter 7	
10	Chapter 10, handout	
11	Exam 2	Details will be confirmed on canvas
12	Chapter 10, handout	
13	Field trip? (tentative, Saturday or Sunday around that time)	Details will be confirmed on canvas
14	Student presentation	
15	Final exam	Details will be confirmed on canvas

TUTORIAL HELP:

Tutorial schedule (in person and webex link) is on canvas under "pages".

GRADING:		The grade schedule:	
Homework	15 %	A = 90+	C = 60
Presentation	10%	B+ = 80	D = 55
Exam-1	25 %	B = 70	F = 54 or less
Exam-2	25%	C+ = 65	W
Final Exam	25%		
Total	100%		

Incomplete is given in rare instances where the student is unable to attend or otherwise do the work of the course due to illness, etc. The grade must be made up in the next semester by completing all of the missed work.

EXAMS:

Generally, calculator is need for all exams. Other electronic device, storage medium, or accessory of any kind, are NOT allowed during any exam.

HOMEWORK:

To obtain full credit, you must submit the work on time and in the proper form. A minimum of 70% of the homework must be submitted to receive a passing grade in the course. Late homework will get reduced points (3% off for each day). The followings are required for homework:

1. (for pdf file) On the top of the first page, **PRINT** your name, date.
2. The problems must be presented in numerical order as assigned. Writings are to be neat, clear and legible.
3. Box the final answer(s) with unit(s) (and direction if needed).
4. **All hw submission will be on canvas. Do not email HW.**

Academic Integrity

Academic Integrity is the cornerstone of higher education and is central to the ideals of this course and the university. Cheating is strictly prohibited and devalues the degree that you are working on. As a member of the NJIT community, it is your responsibility to protect your educational investment by knowing and following the academic code of integrity policy that is found at: <http://www5.njit.edu/policies/sites/policies/files/academic-integrity-code.pdf>.

Please note that it is my professional obligation and responsibility to report any academic misconduct to the Dean of Students Office. Any student found in violation of the code by cheating, plagiarizing or using any online software inappropriately will result in disciplinary action. This may include a failing grade of F, and/or suspension or dismissal from the university. If you have any questions about the code of Academic Integrity, please contact the Dean of Students Office at dos@njit.edu