Seminar:
Teams of maximum two students will each be assigned a specific subsection of the studied major contaminant hydrogeology area. Each team will need to review at least ONE recent research paper (from the last 10 years) and to prepare a short power point presentation (15 min) of these reviews (findings). The rest of student will need to submit hand written summery of the presentation for participation mark.

Final Exam:
The final examination is worth 40% of the final grade for the course. It will be a combination of "fill-in-the-blanks", short answer questions and calculations.
The final exam will draw from lectures and student's presentations and includes lecture notes and any material presented in the classroom. Information from the textbook and other resources not directly covered in class will not be tested on exams. More details about the exams will follow.

Other Course Policies:
Late assignments will not be accepted and assigned a grade of zero. *Extensions will be granted ONLY with medical note or under exceptional circumstances. You instructor must be informed about that immediately.*
Plagiarism will not be tolerated. Each group is expected to submit **individual work** for grading. It is an academic offense to plagiarize and those who do, will be subjected to University procedures (see the University calendar).

Lecture topics:

1. Introduction, ground rules, expectations and course structure. Introduction to Contaminant Hydrogeology; **Video:** The Nature of Earth: Introduction to Geology	Jan. 6th
2. Types and sources of the contamination; Groundwater Chemistry	Jan. 13th
3. Principles of Groundwater Flow	Jan.20st
4. Capture Curve Analysis *Assignment #1 – Tutorial*	Jan.27th
5. Contaminant Partitioning in the Subsurface Environment	Feb. 3rd
6. Transport of Passive Contaminants *Assignment #2 – Tutorial*	Feb.10th
7. FAMILY DAY. UNIVERSITY CLOSED	Feb.17th
8. Transport of Reactive Contaminants	Feb.24th
9. *Assignment #3 – Tutorial* Problem Set Solving (tutorial)	Mar.3th
10. Abiotic and Biotic . oundwater	