

**SHARIF UNIVERSITY OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING**

Fall 2018

GEOLOGY FOR CIVIL ENGINEERING

INSTRUCTOR: Vahab Toufigh, Ph.D., P.E.
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OFFICE HOURS: To be announced.

POLICY ON CHEATING:

Cheating will not be tolerated on exams. Cheating on exams is any event that occurs during the exam and/or after return of the exam. Anyone caught cheating will be subject to failing this course.

EXAMS: There will be one midterm exam and a comprehensive final exam.
Exams date TBA.

GRADING:	Mid-term Exam	25%
	Final Exam	60%
	Homework	10%
	Participation	5%

COURSE OUTLINE:

1. The Earth: Surface and Structure
2. Minerals and Rocks
3. Geological Structures
4. Strength of Geological Material
5. In-situ Investigations
6. Laboratory Investigations
7. Ground-water
8. Slope Stability
9. Reservoirs and Dams
10. Earthquake