

**ENVIRONMENTAL GEOLOGY LABORATORY**

Location: Smith Hall 120/126      Duration: 2 hrs, 50 min      Smith Hall – Room 120/126

Supervisor: Sina Saneiyani, s.saneiyani@rutgers.edu

TA: Staff

Smith Hall – Room 142

**Textbooks:** GEOS – Environmental Geology – Rutgers University, Pearson/Prentice Hall,  
ISBN-13: 9780558035549

**Response pad:** TurningPoint (ISBN RCQR-01-BX) - REQUIRED (same as the one used for lecture) the clicker can be also purchased directly from TurningPoint: <http://store.turningtechnologies.com>

**Grading:** Attendance (15%), Quizzes (15%), Midterm Exam (35%), Final Exam (35%)

**Lab Videos:** <http://www.youtube.com/user/RNEarthSciences#p/u>

**Policy:** Attendance is mandatory; attendance will be taken with the introductory quiz, and at the end of each lab. Quizzes will be during the first 15' of each lab.

All students are required to study the lab video before attending the lab; at the beginning of each lab session a multiple choice quiz will be given on the materials of the new lab.

Students can work in groups during the lab. Each student is expected to complete individual lab exercise sheets. At the end of each session, the instructor will provide the class with the correct exercise sheet; all students are expected to do a self-check, and submit the checked lab to the instructor.

Final attendance will be taken during the self-check process.

**No make-up** exams, labs or quizzes will be given. If you miss more than 3 labs, you will receive an automatic **F**. Tardiness is not acceptable. Cell phones, laptops, and tablets must be **turned off** in class.

**Required Supplies: Bring the following for every lab (no sharing):** Response pad (clicker), laboratory notebook, pencil, eraser, English/metric ruler, scientific calculator, and colored pencils. You will be permitted to use a non-programmable calculator for the exams.

<b>Week</b>	<b>Topic</b>	<b>Reading</b>
<b>1</b> (1/16/17 – 1/22/17)	Introduction & Orientation	
<b>2</b> (1/23/17 – 1/29/17)	Topographic Maps	Pg# 1-39, Video
<b>3</b> (1/30/17 – 2/5/17)	Stream Processes	Pg# 93-128, Video
<b>4</b> (2/6/17 – 2/12/17)	Coastal Processes	Pg# 73-91, Video
<b>5</b> (2/13/17 – 2/19/17)	Slope Stability	Pg# 67-71, Video
<b>6</b> (2/20/17 – 2/26/17)	Midterm Review	
<b>7</b> (2/27/17 – 3/5/17)	<b>Midterm Exam</b>	
<b>8</b> (3/6/17 – 3/9/17 and 3/19/17)	Soils and the Environment	Pg# 163-173, Video
<b>9</b> (3/10/17 – 3/18/17)	<b>Spring break (No class)</b>	
<b>10</b> (3/20/17 – 3/26/17)	Groundwater Processes I	Pg# 129-138, Video
<b>11</b> (3/27/17 – 4/2/17)	Groundwater Processes II	Pg# 139-162, Video
<b>12</b> (4/3/17 – 4/9/17)	Leaky Landfill	Pg# 175-178, Video
<b>13</b> (4/10/17 – 4/16/17)	Environmental Game	Video
<b>14</b> (4/17/17 – 4/23/17)	Final Review	
<b>15</b> (4/24/17 - 4/30/17)	<b>Final Exam</b>	