

New Jersey Institute Of Technology
Department Of Civil and Environmental Engineering
Site Remediation (EnE 662) Course Outline
Spring, 2018
Instructor: Michael Hornsby

WEEK OF	TOPIC
1 Jan. 15	Overview of Site Remediation Superfund and Federal Environmental Laws
2 Jan. 22	Federal Overview (Continued) and Site Remediation in New Jersey
3 Jan. 29	Site Remediation in New Jersey (Continued)
4 Feb. 05	Preliminary Assessments, Site Investigations, Remedial Investigation and Natural Resource Damages
5 Feb. 12	Ground Water Investigations
6 Feb. 19	Site Characterization Site Health & Safety
7 Feb. 26	Mid Term Exam
8 Mar. 05	Risk Assessment Feasibility Studies and Remedial Action Selection
Mar. 12	Semester Break
9 Mar. 19	Overview of Remedial Action Technology
10 Mar. 26	Site Containment
11 Apr. 02	Thermal Desorption and Bioremediation
12 Apr. 19	Vacuum Extraction Construction at Remediation Sites
13 Apr. 16	Contaminated Sediment Management
14 Apr 23	Ground Water Remediation Case Histories
15 May 04	Final Exam

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General Information

Instructor: Michael Hornsby

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Class Time: Virtual

Location: Virtual

Site Remediation Home Page: <http://moodle.njit.edu>

Course materials will be posted on:

- Site Remediation Home Page: <http://moodle.njit.edu>
- Podcasts: <http://relay.njit.edu/>

There is no separate text.

Office Hours: By phone, email or appointment

Grading Policy:	Midterm Exam	30%
	Final Exam	30%
	Quizzes (2)	30%
	Class Participation	10%
	Extra Credit	0%