

BIOLOGY 378 SYLLABUS

Disclaimer: This lecture schedule is my best forecast of the order in which course material will be presented and related reading assignments. There is no guarantee that we will follow this schedule exactly: any changes will be announced in class.

Week	Class	Readings	Assignments	Lab
Aug 25	Introduction			Initial Site Visit
Sept 1	Contaminants Present	Chapter 1		Site History Research (Tompkins County Library)
Sept 8	Contaminants Present	TBA		Boat the Inlet
Sept 15	Fate and degradation	Chapter 2&3	1 st self assessment	Water and sediment sampling
Sept 22	Fate and degradation	Chapters 4&5	Proposal for self-designed exp due	Invertebrate sampling
Sept 29	Contaminant analysis	TBA	Reaction paper due	Fish sampling
Oct 6	Ecological Effects- Individual	Chapter 6-8		Set up self-designed exp
Oct 13	Ecological Effects- Population	Chapter 12		FALL BREAK
Oct 20	Ecological Effects - Community	Chapter 14		Self-designed experiment
Oct 27	Risk assessment	TBA	2 nd self assessment	Self-designed experiment
Nov 3	Risk assessment	TBA		Computer Lab
Nov 10	Remediation/Clean-up	TBA	Self- designed experiment write-up due	Meet with Dredge Engineers
Nov 17	Remediation/Clean-up	TBA		
Dec 1	Summary			
Dec 8	Present final report		Final paper due	