Syllabus - Evolution PCB 4674
Fall 2003 Semester

Professor: Joel Trexler — Class meets Mon & Weds 8:00-9:15
Office Hours: Mon 2-5 & by appointment — Classroom: DM -100
Office phone: 305-34-1966 — Office: OE 225 (may change)
Textbook: Futuyma, D.J. 1998. Evolutionary Biology, 3rd Ed. Sinauer Assoc

Dates	Topics	Reading (Chapters)
Aug 25, 27	Course introduction, Classification & Phylogeny	1-5
Sept 1	**Labor Day – No Class**	
Sept 3	The Tree of Life	6
Sept 8, 10	The Tree of Life, History of Life	7-8
Sept 15, 17	History of Life	8
Sept 22	**Exam #1**	
Sept 24	Organic Variation	9
Sept 29, Oct 1	Organic Variation	9-10
Oct 6, 8	The Origins of Genetic Variation	10
Oct 13, 15	Population structure & genetic drift	11
Oct 20	Adaptation	12-14
Oct 22	**Exam #2**	
Oct 27, 29	Adaptation	13-14
Nov 3, 5	Species and Species Formation	15-16
Nov 10,12	Species and Species Formation, Biological Diversity	16, 17
Nov 11	**Veteran's Day Holiday, school closed (Tues… doesn't affect us)**	
Nov 17, 19	The Evolution of Biological Diversity	17-19
Nov 24	**Exam #3**	
Nov 26	Evolution of Mating Systems	20
Nov 27-29	**Thanksgiving Holiday (Thurs – Fri…. Doesn't affect us)**	
Dec 1, 3	Evolution of Genetic Systems	21
Dec 10	**Final Exam 6:40-9:15**	

Grades: Grades will be determined as follows: 2 regular exams = 25% each, final exam = 35%, Short pop tests = 15%. I will drop the lowest of your 3 regular exam grades to obtain the 2 regular exam scores. Short tests will be administered in the first 10 minutes of lecture. They will not be announced in advance.

Notes: There are no make up exams. If you miss an exam for any reason, the one you miss will serve as your drop grade. If for any reason you unable to reach me, leave a voice message on my telephone with a number where I can reach you. It is never necessary to call the professor's home; doing so makes his wife and baby cranky, which is not good for you.