

**E10.2041 Advanced Topics in Quantitative Methods:  
Practicum in Multi-Level Models – Growth Curves (1 point)**

Marc Scott  
Fall 2009

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Lab sessions:	Time arranged in small groups <i>during second 7 weeks</i>	Office:	318E Kimball Hall
Location:	Arranged	Phone:	212-992-9407
Office Hours:	Tuesdays 2:30-3:30 pm, and by appointment	email:	<a href="mailto:marc.scott@nyu.edu">marc.scott@nyu.edu</a>
Text:	Singer & Willett, <i>Applied Longitudinal Data Analysis</i>		
Software:	STATA		

Note: This course will use Blackboard. Email is the preferred form of communication. If you call my office phone, it is best to email me as well.

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COURSE OVERVIEW: This is practicum course on models for multilevel growth curve data. This course is a natural sequel to E10.20xx Advanced Topics in Quantitative Methods: Multi-Level Modeling – Growth Curves. Building on the theory and examples developed in that course, students will participate in a guided, larger research project that employs multi-level growth curve models. Students will meet in groups with the instructor in a lab setting to fit, evaluate and describe these models. The final project for the course will consist of a “results and discussion” section, journal article quality write-up.

COURSE PREREQUISITE: E10.2004 (Advanced Modeling I: Topics in Multivariate Analysis) or equivalent and E10.20xx (Advanced Topics in Quantitative Methods: Multi-Level Modeling – Growth Curves). ***These prerequisites will be strictly enforced. Consult with the instructor if you wish to substitute an alternative.***

COURSE REQUIREMENTS:

Participation:	20%	You are expected to attend all class meetings and participate.
Project:	80%	There will be a data analysis project (and write-up) instead of a final exam.

COURSE HANDOUTS: Handouts from E10.20xx (Advanced Topics in Quantitative Methods: Multi-Level Modeling – Growth Curves) will be used to guide some discussions.

Late assignment policy: Assignments are to be handed in on time.