



GENERAL ASSEMBLY

Course Syllabus

Programming Fundamentals using Ruby on Rails (PFR) Program

Start Date: May 1, 2012

Note: Class is held on **Tuesdays** and **Thursdays** from **6-9pm**.

UNIT 1: RUBY		
Week 1	Lecture 1: What's a Programming Language?	Tuesday, May 1
	Lecture 2: Methods, Types, and Flow	Thursday, May 3
Week 2	Lecture 3: Advanced Types	Tuesday, May 8
	Lecture 4: Object Orientation	Thursday, May 10
Week 3	Lecture 5: Blocks and Modules	Tuesday, May 15
	Lecture 6: Standard Lib and RubyGems	Thursday, May 17
UNIT 2: RUBY ON RAILS		
Week 4	Lecture 7: Foundations of Rails	Tuesday, May 22
	Lecture 8: ActiveRecord and Associations	Thursday, May 24
Week 5	Lecture 9: Rake Tasks and ActionView	Tuesday, May 29
	Lecture 10: Authentication / Users	Thursday, May 31
Week 6	Lecture 11: Autocomplete, Search, and Pagination	Tuesday, Jun 5
	Lecture 12: Modules, acts_as plugins	Thursday, Jun 7
Week 7	Lecture 13: Advanced Associations and Authorization	Tuesday, Jun 12
	Lecture 14: AJAX	Thursday, Jun 14



Week 8	Lecture 15: Mailers	Tuesday, Jun 19
	Lecture 16: Mashup + APIs	Thursday, Jun 21