



# GENERAL ASSEMBLY

## Course Syllabus

Back-End Web Development (BEWD) Program

June 11<sup>th</sup> – August 20<sup>th</sup>

Instructor: **Salman Ansari**

Expert in Residences: **Brian Fountain & Brooks Swinnerton**

### GRADING

In order to pass the Back-end Web Development students must:

- Complete and submit 80% of all course assignments. Students will receive feedback from instructors on their assignments within 2 - 3 days. Students who miss more than 20% of assignments will not be eligible to pass the course.
- Complete and submit the course final project, earning a satisfactory grade by completing all functional and technical requirements on the project rubric, including delivering a presentation. Assignments, milestones and feedback throughout the course are designed to prepare students to deliver a quality course project

UNIT 1: RUBY BASICS		
Week 1	Lesson 1: Working Like a Developer	June 11
	Lesson 2: Programming Fundamentals - Variables, Conditionals and Methods	June 13
Week 2	Lesson 3: Programming Fundamentals con't – Collections and Loops	June 18
	Lesson 4: Collections and APIs	June 20
Week 3	Lesson 5: Everything is an Object	June 25
	Lesson 6: Sharing Behavior	June 27
UNIT 2: RUBY ON RAILS		
Week 4	Lesson 7: My First Rails Application	July 2
	Lesson 8: Routing, Controllers and Views	July 9



<b>Week 5</b>	Lesson 9: Creating Models and Using Active Record	<b>July 11</b>
	Lesson 10: Project Lab Session	<b>July 16</b>
<b>Week 6</b>	Lesson 11: All About Forms	<b>July 18</b>
	Lesson 12: Finding and Coding Associations	<b>July 23</b>
<b>Week 7</b>	Lesson 13: Starting Your Project	<b>July 25</b>
	Lesson 14: Templates For The Front-End – Twitter Bootstrap	<b>July 30</b>
<b>Week 8</b>	Lesson 15: Authentication And Managing Users – Part One	<b>August 1</b>
	Lesson 16: Authentication Part Two - OmniAuth (OAuth w/ Ruby)	<b>August 6</b>
<b>Week 9</b>	Lesson 17: Precious Gems	<b>August 8</b>
	Lesson 18: Working With Third Party APIs	<b>August 13</b>
<b>Week 10</b>	Lesson 19: Project Lab Session	<b>August 15</b>
	Lesson 20: Final Presentations and Demos	<b>August 20</b>