

Full Stack Development Immersive Program

2020-2021 Academic Year

2020-2021 Curriculum Map

	PLO 1 Understand and apply the concept of “Full Stack” in web development and the basic principles and rules of web design.	PLO2 Learn, identify and apply some of the most used digital languages in industry, their strengths and applications.	PLO3 Learn and be able to implement data structure and system design techniques for solving problems in different environments and contexts.	PL4 Learn and implement project management methodologies and skills of web development projects in a variety of organizational environments.
<i>FSDI 101: Introductory HTML & CSS</i>	I			
<i>FSDI 102: Intermediate HTML & CSS</i>	R			
<i>FSDI 103: Programming Fundamentals</i>	I			
<i>FSDI 104: JavaScript Fundamentals</i>	I			
<i>FSDI 105: jQuery Fundamentals</i>	I	I		
<i>FSDI 106: JavaScript and jQuery Solutions</i>	R	I		
<i>FSDI 107: Introductory React</i>	R	I		
<i>FSDI 108: Introductory Python</i>	R	I		
<i>FSDI 109: Intermediate React</i>	R	R		
<i>FSDI 110: Introductory Web API with ASP.net/Flask</i>	R	I		
<i>FSDI 111: Intermediate Python and Flask</i>	R	R		

<i>FSDI 112: Introductory Django</i>	R	I		
<i>FSDI 113: Intermediate Django</i>	R	R		
<i>FSDI 114: Algorithms and Data Structures</i>	R	R	I	
<i>FSDI 115: User Experience and Responsive Design</i>	R	R	I	I
<i>FSDI 116: Software Development Methodology Fundamentals</i>	R	R	I	I
<i>FSDI 117: Agile Architecture and Software Project Management</i>	R	R	R	R
<i>FSDI 118: Capstone I: User Experience</i>	R	R	R	R
<i>FSDI 119: Capstone II: Agile Methodology and Architecture</i>	R	R	R	R
<i>FSDI 120: Capstone III: Project Management</i>	M	M	M	M

I (Introduced), R (Reinforced), or M (Mastered).

Annual Assessment Plan Findings

PLO1: Understand and apply the concept of “Full Stack” in web development and the basic principles and rules of web design.				
<i>Measure</i>	Acceptable Target	Total Number of student records observed	Total number of students records meeting acceptable target	Assessment results: Percentage of student records meeting acceptable target
Indirect Measure: Final Program Survey	70% or more of students completing the program will express satisfaction on the Final Program Survey by indicating either “Agree” or “Strongly Agree”	19	18	95%

PLO2: Learn, identify and apply some of the most used digital languages in industry, their strengths and applications.				
<i>Measure</i>	Acceptable Target	Total Number of student records observed	Total number of students records meeting acceptable target	Assessment results: Percentage of student records meeting acceptable target
Indirect Measure: Final Program Survey	70% or more of students completing the program will express satisfaction on the Final Program Survey by indicating either “Agree” or “Strongly Agree”	19	16	84%

PLO3: Learn and be able to implement data structure and system design techniques for solving problems in different environments and contexts.				
<i>Measure</i>	Acceptable Target	Total Number of student records observed	Total number of students records meeting acceptable target	Assessment results: Percentage of student records meeting acceptable target
Indirect Measure: Final Program Survey	70% or more of students completing the program will express satisfaction on the Final Program Survey by indicating either "Agree" or "Strongly Agree"	19	17	89%

PLO4: Learn and implement project management methodologies and skills of web development projects in a variety of organizational environments.				
<i>Measure</i>	Acceptable Target	Total Number of student records observed	Total number of students records meeting acceptable target	Assessment results: Percentage of student records meeting acceptable target
Indirect Measure: Final Program Survey	70% or more of students completing the program will express satisfaction on the Final Program Survey by indicating either "Agree" or "Strongly Agree"	19	18	95%