

ORIENTATION

WEEK 1					
DAY	Module	Topic	Weekend	Thurs/Fri	Friday
Module	Entrepreneurship (ENTPD)	Web Development	Python	React Web	Database
Topic	Business Ideation	Intro to Web Development	Intro to Python Development	Intro to React	Intro to Database
	Idea Evaluation	Basic Concepts	Python Basics	React installation	Database challenge of index
	Common Traits of Entrepreneurs	HTML Basics	Python Variables & Data Types	Variables in React	Intro to Index
Assessment	Quiz 1	Quiz on HTML Structure	Quiz on Python Basics	Quiz 1	
Activity	Activity 1 - come up with business ideas	Activity - Set up boiler plate website	Weekly Coding Challenge	Activity 1	Setting up a basic database
-	Activity 2	Activity 2	Activity 2	Activity 2	
-	activity 3	activity 3	activity 3	activity 3	

MASTER CLASS

Master Class (Figma)

WEEKEND CHALLENGE

WEEK 2					
Monday	Tuesday	Wednesday	Thursday	Friday	
Module	Computer Essentials	Web Development	Python	React Web	Database
Topic	HTML Links & Navigation	Basic python operators	Data Types in Python	Database Entities	
	Working with Images	Type Casting	Functions and their types in Python	Database Attributes	
	HTML Forms	Form validation and handling user input	Writing and calling functions	Topic 3	
Assessment	Quiz 1	Quiz on Working with Images	Quiz on Python Operations	Quiz 1	
Activity	Activity - Adding images from the internet to our website	Weekly Coding Challenge	Activity 1	Entity-Attribute Mapping	
-	Activity 2	Activity 2	Activity 2	Activity 2	
-	activity 3	activity 3	activity 3	activity 3	

WEEKEND CHALLENGE

HACKATHON 2.

HACKATHON 4.

WEEK 3					
Monday	Tuesday	Wednesday	Thursday	Friday	
Module	Web Development	Python	React Web	Database	
Topic	Intro to CSS and Classes	Python Built-in Data structures (Basic)	Control Flow in React	Relationship Types	
	Classes in HTML and CSS	Python String and other methods	Conditional statements	Representation of Relationships	
	Loop and continue statements	Topic 3	Quiz on Data structures (Basic)	Quiz 1	
Assessment	Quiz 1	Quiz on CSS Basics	Quiz on Python Operations	Quiz 1	
Activity	Activity - Replicating HTML and CSS Basic Model Classes	Weekly Coding Challenge	Activity 1	Deriving Relationships	
-	Activity 2	Activity 2	Activity 2	Activity 2	
-	activity 3	activity 3	activity 3	activity 3	

WEEKEND CHALLENGE

WEEK 4					
Monday	Tuesday	Wednesday	Thursday	Friday	
Module	Computer Essentials	Web Development	Python	React Web	Database
Topic	Project Initialization	Topic 2	Python Control Flow	Intro to OOP	DB Diagrams
	Project Initialization	Topic 2	Python String and other methods	Classes and Objects	Introduction to MySQL Workbench
	Project Initialization	Topic 2	Python String and other methods	Classes and Objects	Introduction to MySQL Workbench
Assessment	Quiz 1	Quiz 1	Quiz 1	Quiz 1	
Activity	Activity - Building a Portfolio Website	Weekly Coding Challenge	Activity 1	Deriving Relationships	
-	Activity 2	Activity 2	Activity 2	Activity 2	
-	activity 3	activity 3	activity 3	activity 3	

WEEKEND CHALLENGE

Master class.

WEEK 5					
Monday	Tuesday	Wednesday	Thursday	Friday	
Module	ENTPD	Web Development	Python	React Web	Database
Topic	Building a Co-Branding Team	Python Control Flow	Intro to OOP	DB Diagrams	
	Building a Co-Branding Team	Python Control Flow	Intro to OOP	DB Diagrams	
	Building a Co-Branding Team	Python Control Flow	Intro to OOP	DB Diagrams	
Assessment	Quiz 1	Quiz 1	Quiz 1	Quiz 1	
Activity	Activity - Item teams for project visualization	Weekly Coding Challenge	Activity 1	Deriving Relationships	
-	Activity 2	Activity 2	Activity 2	Activity 2	
-	activity 3	activity 3	activity 3	activity 3	

WEEK 6

Monday	Tuesday	Wednesday	Thursday	Friday	
Module	Computer Essentials	Web Development	Python	React Web	Database
Topic	Code Review	Python Control Flow	Intro to OOP	DB Diagrams	
	Code Review	Python Control Flow	Intro to OOP	DB Diagrams	
	Code Review	Python Control Flow	Intro to OOP	DB Diagrams	
Assessment	Quiz 1	Quiz 1	Quiz 1	Quiz 1	
Activity	Activity - Item teams for project visualization	Weekly Coding Challenge	Activity 1	Deriving Relationships	
-	Activity 2	Activity 2	Activity 2	Activity 2	
-	activity 3	activity 3	activity 3	activity 3	

SPECIALIZATION

HACKATHON 3.

Working on Projects & Pitch deck

Working on Projects & Pitch deck