

Week/ Module	Topics
Week 0	<ul style="list-style-type: none"> • Demo Video • Welcome to the course • Course Schedule <ul style="list-style-type: none"> • Grading Policy • Exam Details • FAQ
Week 1	<p>Foundation of Design Thinking</p> <ul style="list-style-type: none"> • Introduction to Design Thinking • Significance of Design Thinking • Key Tenets of Design Thinking • Design Thinking Process- 4 Critical Questions • Design Thinking Process • Wicked Problem • Problem Identification • Problem Identification Framework • Problem Solving Techniques • Design Thinking to solve a wicked problem
Week 2	<p>Stage 1 Empathy-Foundation and Tools of Empathy (Part I)</p> <ul style="list-style-type: none"> • Foundation of Empathy • Purpose of empathy • Observation as a tool of empathy • Methods of Observation <p>Empathy-Foundation and Tools of Empathy (Part II)</p> <ul style="list-style-type: none"> • Empathetic Interview • Stakeholder maps • Jobs to be done • Empathy Maps
Week 3	<p>Stage2 Define- Foundation and tools</p> <ul style="list-style-type: none"> • Rules of Defining • Importance of Defining • Models of Framing Problem • Analysis and Synthesis • Problem Statement & Point of view <p>Stage 2 Define – Tools</p> <ul style="list-style-type: none"> • “How Might we” Questions • Affinity Diagrams • Customer Journey Map • Customer experience • Persona
Week 4	<p>Stage 3 Ideate-Foundation and Tools</p> <ul style="list-style-type: none"> • Introduction to Ideation • Double Diamond • Brainstorming • Rules for Brainstorming • Mind Mapping • Worst Possible Idea

Week5	Stage 4 Prototype -Foundation and Tools <ul style="list-style-type: none">• Concept of Prototyping• Paper prototype• Story Board prototype• Scenario prototype• Low fidelity and high fidelity
Week 6	Stage 5 Test Foundation and Tools <ul style="list-style-type: none">• Introuction to Test• 5 Guidelines for Conducting a Test• The End Goal: Desirable, Feasible and Viable Solutions• Role of Evaluative Research in Test Phase• Usability Test• Heuristic Evaluation• Test your Prototype

Certificate Eligibility

As this is a non-credit course, to qualify for the certificate of completion, you must meet two requirements

- a) Submit your peer review assignment before the due date.
- b) Complete the peer assignment of two of your peer's projects.