Below is a list of 3 separate Composite Courses. Please scroll down to see details for each one.

Composites Part Manufacturing

Brand	CATIA
Discipline	CATIA Mechanical Design V5
Release	V5R21
Duration	16 hours – 2 Days
Level	Fundamental
Objectives	Upon completion of this course you will be able to: - Understand the significance of the Manufacturing Data creation process in Composites design - Generate the Manufacturing data structure from the Engineering data structure - Modify the Manufacturing data structure - Synchronize the link between the Manufacturing and the Engineering part
Participants profile	Composites for Manufacturing Designers
Prerequisites	Students attending this course should be familiar with Part Design, Assembly Design, Wireframe and Surface Design, and Drafting.
Description	This course will teach you how to build composite parts for manufacturing detail design

Composites Grid Approach

Brand	CATIA
Discipline	CATIA Mechanical Design V5
Release	V5R21
Duration	24 hours – 3 Days
Level	Fundamental
Objectives	Upon completion of this course you will be able to: - Understand the concept of grid approach in Composites Design - Generate plies using the Grid approach - Modify the ply geometry - Create a solid or a top surface using the ply geometry - Create and modify a composite part using the Composites Grid Design approach
Participants profile	Composites Designers for Aerospace
Prerequisites	Students attending this course should be familiar with Part Design, Assembly Design, Wireframe and Surface Design, Drafting, and Composites Part Design.
Description	This course will introduce you to the Grid approach. You will generate plies, modify geometry, and create a solid or a top surface using the ply geometry. By the end of this course you will be able to create and modify a composite part using the Composites Grid Design approach.

Composites Part Engineering

Brand	CATIA
Discipline	CATIA Mechanical Design V5
Release	V5R21
Duration	24 hours – 3 Days
Level	Fundamental
Objectives	Upon completion of this course you will be able to: - Define the Composites parameters - Create a preliminary design for composites parts using the Zone approach and the Solid approach - Generate Composites parts from Preliminary design to Engineering detail design
Participants profile	Composites for Engineering Designers
Prerequisites	Students attending this course should be familiar with Part Design, Assembly Design, Wireframe and Surface Design, and Drafting.
Description	This course will teach you how to build composite parts in the context of the engineering design process, from Preliminary Design to Engineering Detail Design.