Fibersim 15.1 Course Completion Checklist

	NAME	TYPE OF MATERIAL
☐	Chapter 2. Model Setup	Lecture Video
☐	Exercise 2b [NX9/10] Create a Model from an Extended Surface and Planes	PDF
☐	Exercise 2d [NX9/10] Create a Model from a Solid	PDF
☐	Exercise 2e NX Model Setup from Planes and Surface (Optional)	PDF
☐	Chapter 3a. Introduction To Ply-Based Design	Lecture Video
☐	Exercise 3a Basic Part with 8 Full-body Plies	PDF
☐	Chapter 3b. Ply-Based Design (Continued)	Lecture Video
☐	Exercise 3b Reinforcement Plies, Sequencing, and Cutouts	PDF
☐	Exercise 3c Flat Pattern	PDF
☐	Chapter 3c. Ply-Based Design (Continued)	Lecture Video
☐	Exercise 3d Design to Extended	PDF
☐	Exercise 3f Create Basic Part (Optional)	PDF
☐	Chapter 3d. Ply-Based Design (Continued)	Lecture Video
☐	Exercise 3e Wrapped Ply	PDF
☐	Chapter 4a. Producibility	Lecture Video
☐	Exercise 4a How Geometry Affects Producibility	PDF
☐	Exercise 4b How Simulation Options Affect Producibility (Simulation Skin)	PDF
☐	Exercise 4c How Simulation Options Affect Producibility (Two-Stage)	PDF
☐	Exercise 4d Resolving Producibility Issues	PDF
☐	Chapter 4b. Exercise Review	Lecture Video
☐	Project 1 - Producibility	PDF
☐	Chapter 5a. Rosettes	Lecture Video
☐	Exercise 5a Translational Rosette	PDF
☐	Chapter 5b. Radial Rosette	Lecture Video
☐	Exercise 5b Radial Rosette	PDF
☐	Chapter 5c. Spine-Based Rosette	Lecture Video
☐	Exercise 5c Spine-Based Rosette	PDF

☐	Chapter 5d. Exercise 5c Review	Lecture Video
☐	Chapter 6a. Utilities	Lecture Video
☐	Exercise 6a Curve Creation and Ply Drop-off Utilities	PDF
☐	Exercise 6b Fiber Path Curve	PDF
☐	Chapter 6b. Utilities (Continued)	Lecture Video
☐	Exercise 6c Symmetric Laminate	PDF
☐	Project 2 – Monolithic Panel	PDF
☐	Chapter 7. Core	Lecture Video
☐	Exercise 7a Core Types	PDF
☐	Exercise 7b Modeled Core with Overcore and IML Laminates	PDF
☐	Exercise 7c Core Panel Design from a Solid (Optional)	PDF
☐	Chapter 8. Documentation	Lecture Video
☐	Exercise 8a 3D Documentation	PDF
☐	Exercise 8b Generating a Ply Book and Ply Table	PDF
☐	Project 3 – Core Panel	PDF
☐	Chapter 9. Introduction To Multi-Ply Design	Lecture Video
☐	Exercise 9a Basic Multi-Ply Design	PDF
☐	Chapter 10. Transition Manipulation	Lecture Video
☐	Exercise 10a Basic Offset Specification Options	PDF
☐	Exercise 10b Splitting and Extending Transitions	PDF
☐	Chapter 11. Layer Definition	Lecture Video
☐	Exercise 11a Layer Sequencing (Multi-Ply Based Design)	PDF
☐	Chapter 12. Surface Offset	Lecture Video
☐	Exercise 12a Creating Parametric Surface Offset with Ramps	PDF
☐	Chapter 13. Manufacturing Features	Lecture Video
☐	Exercise 13a Layer-based Manufacturing Laminate, with Splice and Dart Groups	PDF
☐	Project 4 – C Pillar	PDF