

COMP 101: SURVEY OF COMPOSITES

This survey course provides an introduction to the field of Composites Technologies including historic development, composition of materials, methods of fabrication, variation in products and applications, considerations in manufacturing, and future trends.

Course Student Learning Outcomes

1. Recognize & define composites vs. advanced composites, and explain their advantages & disadvantages.
2. Describe important milestones in composites' history and outline typical composites applications in industry.
3. Explain the basic differences between open mold, closed mold, and prepreg layup techniques.
4. Demonstrate knowledge of the elements of Lean Manufacturing: 5S, Just in Time, Kaizen, & others.

Credits: 1

Program: [Advanced Manufacturing / Composites Technology](#)