

# COMP 135: COMPOSITES NDT & REPAIR

This composite materials manufacturing course provides knowledge and hands-on experience in the inspection and repair techniques of Advanced and Fiber Reinforced Polymer (FRP).

## Course Student Learning Outcomes

1. Employ destructive and non-destructive testing methods to evaluate the quality of a laminated composite part.
2. Describe the technology, benefits, and drawbacks of non-destructive test methods used to verify the quality of a composite laminate, and the proper applications of each.
3. Demonstrate a proper composite material damage removal and repair on a solid laminate and sandwich panel from plan to "ready for paint" using a scarf joint and hot bonder.

Credits: 4

Prerequisites: COMP 100, COMP 101, and COMP 121.

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