

MEC-188 : Processing Composites I

Credits 3

Lab 3

Lecture 2

Clinical/WkExp 0

Session Cycle

Fall Only

Fee \$275.00

Description

This course covers the properties and forms of various resins used in manufacturing commercial bag and vacuum composites and the processes for commercial application. Emphasis is placed on materials used, including polyester and/or vinyl ester resins, and processes of hand lay-up, vacuum bag and vacuum assisted resin transfer molding. Upon completion, students should be able to produce composite materials suitable for mechanical testing.

This course is a unique concentration requirement in the Composites concentration in the Manufacturing Technology program.