

Composites Certification - The SpaceTEC® Composites exam is a concentration that is offered once the candidate completes the SpaceTEC® Core Certified Aerospace Technician examination. The Composites exam is a three-part exam consisting of a computer-based written exam, followed by an oral and practical evaluation of an individual's technical knowledge and skills. The topics/subtopics follow:

- Composites Knowledge
 - Composites
 - Fibers
 - Matrix
 - Fiber/Matrix Interface
- Fabrication Methods
 - Vacuum Bagging
 - Resin Transfer Molding
 - Sheet Molding Compound
 - Release Films
 - Platen Press
 - Filament Winding
 - Pultrusion
 - Autoclave
 - Joining and Bonding
 - Cohesive Bonding
 - Surface Treatment
 - Fastener Types
 - Size of Holes
 - Hole Drilling
 - Equipment Needs
 - Composite Repair
- Health and Safety
 - MSDS
 - Personal Safety
 - Personal Safety Equipment
 - Disposal of Materials
- Inspection
 - Non-destructive Techniques

- Destructive Techniques