

**Basic Composites** – The CertTEC® Basic Composites Technician exam is in three parts and consists of a 70 question computer-based written exam, followed by an oral and practical evaluation of an individual's technical knowledge and skills. The exam focuses on the following topic/subtopic areas:

- 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