



CTE Intro to Composites

- PS 1 Demonstrate an understanding of composite terminology with the ability to define, utilize, and explain composite terminology.
- PS 2 Demonstrate an understanding of safety rules for equipment in composites laboratory.
- PS 3 Demonstrate an understanding of safety rules for power equipment in composites laboratory.
- PS 4 Demonstrate and evaluate an understanding of composite builds.
- PS 5 Recognize and utilize basic materials used for vacuum bagging.
- PS 6 Identify machining plugs and molds by evaluating lab built tools.
- PS 7 Demonstrate an understanding /ability to schedule a project over time.
- PS 8 Understand and perform common assembly techniques.
- PS 9 Understand and perform common bonded assembly manufacturing techniques.
- PS 10 Understand and utilize matrix materials, resins and fiber reinforcements.
- PS 11 Apply basic design considerations for composite structures.
- PS 12 Understand and identify cure profiles for composites materials.
- PS 13 Demonstrate the ability to build a composite project.
- PS 14 Use basic communication skills (speaking, listening) to meet the needs of the workplace.
- PS 15 Use basic communication skills (reading, writing, and computing) to meet the needs of the workplace.
- PS 16 Gather, interpret, and use data (Math) consistently and accurately to make decisions and take actions.
- PS 17 Participate in and contribute to the effectiveness of teams.
- PS 18 Identify, understand and apply employability skills and workplace readiness skills as required by employers.
- PS 19 9-10.RST.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9–10 texts and topics.
- PS 20 9-10.RST.7 Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.
- PS 21 9-10.WHST.6 Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
- PS 22 9-10.WHST.8 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation