

AMT 0044 Tools, Materials, and Processes 1

Course Description: This course provides an introduction to the tools, hardware and material used in aircraft maintenance, repair, and safety. The student will be able to understand the information found in aircraft drawings, blueprints, charts and graphs Including stress materials' internal resistance and counterforce that opposes deformation. (40 Clock Hours)

Course Competency	Learning Outcomes
<p>Competency 1: The student will demonstrate knowledge of aircraft drawings, prints and engineering documents by:</p> <ol style="list-style-type: none"> 1. Identifying drawing types. 2. Showing various forms of illustration methods. 3. Creating and illustrating drawing practices. 	<ul style="list-style-type: none"> • Communication • Numbers / Data • Critical thinking • Information Literacy
<p>Competency 2: The student will demonstrate knowledge of materials and process by:</p> <ol style="list-style-type: none"> 1. Defining basic composite materials. 2. Identifying typical composite applications. 3. Examining the advantages and disadvantages of composite materials. 	<ul style="list-style-type: none"> • Communication • Numbers / Data • Critical thinking • Information Literacy
<p>Competency 3: The student will demonstrate health and safety by:</p> <ol style="list-style-type: none"> 1. Identifying the proper personal protective equipment. 2. Demonstrating the proper storage and handling of materials. 3. Identifying the proper disposal of materials. 	<ul style="list-style-type: none"> • Communication • Critical thinking • Information Literacy

