



**GADSDEN TECHNICAL INSTITUTE
CONTINUAL EDUCATION
COVID-19 EMERGENCY LESSONS**

Teacher Name: Mr. Alfred Suber
Dates of Instruction: April 16 – May 1, 2020
Lesson(s) Title: Basic Safety (Construction) Site Safety Orientation –
(EXTENDED / CONTINUED LESSON)
Grade Levels: 10 – 12; Adult
Subject Area: Carpentry

Assignment: After reading the material on carpentry shop safety, the student will be able to: maintain a clean, orderly and safe work area; transport, handle and store materials safely; operate a fire extinguisher; qualify in basic first-aid procedures; identify and report safety hazards; demonstrate the inspection, use and care of personal protective equipment (PPE); describe “Right-to-Know” Law as recorded in (29 CFR-1910.1200); explain the purpose of the Occupational Safety and Health Administration (OSHA); identify health-related problems that may result from exposure to hazardous materials; describe the proper precautions for handling hazardous materials, explain eligibility and the procedures for obtain worker’s compensation; explain the importance of complying with the Americans with Disabilities Act (ADA) requirements..

Lesson Instructions:

Week of April 16 – April 23, 2020, read sections 1, 2 and 3 pages 1-48. Study and Learn Trade Terms Definitions on pages 97-98.

Week of April 24 – May 1, read sections 4, 5, and 6 pages 50-87. Study and Learn Trade Terms Definitions on pages 97-98.

Practice Activities:

Week of April 16 – April 23, 2020, answer section review questions on pages 15, 39 and 49.

Week of April 24 – May 1, 2020, answer section review questions on pages 57, 66 and 87. Answer review questions pages 88, 89, and 90. Answer trade terms quiz questions on pages 91-92.

Instructional Materials:

1. Carpentry Introduction to Site Safety Module 1 reading packet
2. Carpentry Introduction to Site Safety Module 1 questions packet.

Special Notes from Instructor:

ALL paper work should be kept in your folder, signed and dated to reflect completion date(s) prior to bringing them to class with you on May 4, 2020. If there are any questions, I can be reached at (850) 875-8324; ext. 5121 or email suberj@gcpsmail.com.

Mission Statement

The mission of Gadsden Technical Institute is to recognize the worth and potential of each student. We are committed to providing opportunities for basic and advanced instruction in a conducive learning environment. The Center encourages academic and technical curiosity, innovation and creativity by integrating applied academic skills in all occupational areas. We strive to instill the attitudes and skills necessary to produce motivated, self-sufficient individuals who are able to function effectively in our ever-changing, complex society.



**GADSDEN TECHNICAL INSTITUTE
CONTINUAL EDUCATION
COVID-19 EMERGENCY LESSONS**

Teacher Name: Mr. Alfred Suber
Dates of Instruction: April 16 – May 1, 2020
Lesson Title: Introduction to Construction Math
(EXTENDED / CONTINUED LESSON)
Grade Levels: 10 – 12; Adult
Subject Area: Carpentry

Assignment: After reading the material on introduction to construction math, the student will be able to demonstrate mathematics knowledge and skills relevant to the carpentry field and the student will be able to: apply geometry and algebra skills to solve math problems related to carpentry with and without a calculator; demonstrate knowledge of arithmetic operations; solve problems for distance, perimeter, area and volume; analyze and apply data and measurements to solve problems and interpret documents; construct charts/graphs using functions and data.

Lesson Instructions:

Week of April 16 – April 23, 2020, read sections 1, 2 and 3 pages 1-28. Study and Learn Trade Terms Definitions on pages 70-71.

Week of April 24 – May 1, 2020, read sections 4, 5, and 6 pages 30-57. Study and Learn Trade Terms Definitions on pages 70-71.

Practice Activities:

Week of April 16 – April 23, 2020, answer section review questions on pages 8, 16 and 29.

Week of April 24 – May 1, 2020, answer section review questions on pages 36, 47 and 57. Answer review questions pages 58, 59, and 60. Answer trade terms quiz questions on pages 61-62.

Instructional Materials:

1. Carpentry Introduction to Introduction to Construction Math Module 2 reading packet.
2. Carpentry Introduction to Introduction to Construction Math Module 2 questions packet.

Special Notes from Instructor:

ALL paper work should be kept in your folder, signed and dated to reflect completion date (s) prior to bringing them to class with you on April 16, 2020. If there are any questions, I can be reached at (850) 875-8324; ext. 5121 or email suberj@gcpsmail.com.

Mission Statement

The mission of Gadsden Technical Institute is to recognize the worth and potential of each student. We are committed to providing opportunities for basic and advanced instruction in a conducive learning environment. The Center encourages academic and technical curiosity, innovation and creativity by integrating applied academic skills in all occupational areas. We strive to instill the attitudes and skills necessary to produce motivated, self-sufficient individuals who are able to function effectively in our ever-changing, complex society.



**GADSDEN TECHNICAL INSTITUTE
CONTINUAL EDUCATION
COVID-19 EMERGENCY LESSONS**

Teacher Name: Mr. Alfred Suber
Dates of Instruction: April 16 – May 1, 2020
Lesson Title: Introduction to Hand Tools
(EXTENDED / CONTINUED LESSON)
Grade Levels: 10 – 12; Adult
Subject Area: Carpentry

Assignment: After reading the material on introduction to hand tools, the student will be able to select and use hand and power tools relevant to the carpentry profession. The student will be able to: identify and describe the use of various hand and power tools; state the general safety rules for operating all power tools, regardless of type; clean and care for tools and equipment; demonstrate proficiency in the safe use of hand and power tools; read and use carpenter's measuring tools.

Lesson Instructions:

Week of April 3 – April 23, 2020, read sections 1, 2 and 3 on pages 1 – 27. Study and Learn Trade Terms Definitions on pages 49 - 50.

Week of April 24 – May 1, 2020, read sections 3 and 4 on pages 29 - 42. Study and Learn Trade Terms Definitions on pages 49 and 50.

Practice Activities:

Week of April 3 – April 23, 2020, answer review questions on pages 18 and 28.

Week of April 24 – May 1, 2020, answer review questions on pages 35, 41, 43 and 44. Answer trade terms quiz questions on pages 45 – 46.

Instructional Materials:

1. Carpentry Introduction to Hand Tools Module 3 reading packet
2. Carpentry Introduction to Hand Tools Module 3 questions packet.

Special Notes from Instructor:

ALL paper work should be kept in your folder, signed and dated to reflect completion date(s) prior to bringing them to class with you on May 4, 2020. If there are any questions, I can be reached at (850) 875-8324; ext. 5121 or email suberj@gcpsmail.com.

Mission Statement

The mission of Gadsden Technical Institute is to recognize the worth and potential of each student. We are committed to providing opportunities for basic and advanced instruction in a conducive learning environment. The Center encourages academic and technical curiosity, innovation and creativity by integrating applied academic skills in all occupational areas. We strive to instill the attitudes and skills necessary to produce motivated, self-sufficient individuals who are able to function effectively in our ever-changing, complex society.



**GADSDEN TECHNICAL INSTITUTE
CONTINUAL EDUCATION
COVID-19 EMERGENCY LESSONS**

Teacher Name: Mr. Alfred Suber
Dates of Instruction: April 16 – May 1, 2020
Lesson Title: Introduction to Power Tools
(EXTENDED / CONTINUED LESSON)
Grade Levels: 10 – 12; Adult
Subject Area: Carpentry

Assignment: After reading the material on introduction to power tools, the student will be able to select and use hand and power tools relevant to the carpentry profession. The student will be able to: identify and describe the use of various hand and power tools; state the general safety rules for operating all power tools, regardless of type; clean and care for tools and equipment; demonstrate proficiency in the safe use of hand and power tools; read and use carpenter's measuring tools.

Lesson Instructions:

Week of April 16 – April 23, 2020, read pages 2 - 20. Study and Learn Trade Terms Definitions on page 43.

Week of April 24 – May 1, 2020, read pages 21 - 37. Study and Learn Trade Terms Definitions on page 43.

Practice Activities:

Week of April 16 – 23, 2020, answer review questions on page 38 - 39.

Week of April 24 – May 1, 2020, answer trade terms quiz questions on page 40.

Instructional Materials:

1. Carpentry Introduction to Power Tools Module 4 reading packet
2. Carpentry Introduction to Power Tools Module 4 questions packet.

Special Notes from Instructor:

ALL paper work should be kept in your folder, signed and dated to reflect completion date(s) prior to bringing them to class with you on May 4, 2020. If there are any questions, I can be reached at (850) 875-8324; ext. 5121 or email suberj@gcpsmail.com.

Mission Statement

The mission of Gadsden Technical Institute is to recognize the worth and potential of each student. We are committed to providing opportunities for basic and advanced instruction in a conducive learning environment. The Center encourages academic and technical curiosity, innovation and creativity by integrating applied academic skills in all occupational areas. We strive to instill the attitudes and skills necessary to produce motivated, self-sufficient individuals who are able to function effectively in our ever-changing, complex society.



**GADSDEN TECHNICAL INSTITUTE
CONTINUAL EDUCATION
COVID-19 EMERGENCY LESSONS**

Teacher Name: Mr. Alfred Suber
Dates of Instruction: April 16 – May 1, 2020
Lesson Title: Introduction to Construction Drawings
(EXTENDED / CONTINUED LESSON)
Grade Levels: 10 – 12; Adult
Subject Area: Carpentry

Assignment: After reading the material on introduction to basic construction drawings and sketches, the student will be able to: recognize and identify basic construction drawing terms, components and symbols; relate information on construction drawings to actual locations on the print; recognize different classifications of construction drawings; interpret and use drawing dimensions and architectural scales; draw or sketch basic floor plans and/or shop drawings.

Lesson Instructions:

Week of April 16 – April 23, 2020, read pages 2 - 20. Study and Learn Trade Terms Definitions on pages 49 and 50.

Week of April 24 – May 1, 2020, read pages 21 - 44. Study and Learn Trade Terms Definitions on pages 49 and 50.

Practice Activities:

Week of April 16 – April 23, 2020, answer review questions on page 45.

Week of April 24 – May 1, 2020, answer trade terms quiz questions on pages 46 and 47.

Instructional Materials:

1. Carpentry Introduction to Construction Drawings Module 5 reading packet
2. Carpentry Introduction to Construction Drawings Module 5 questions packet.

Special Notes from Instructor:

ALL paper work should be kept in your folder, signed and dated to reflect completion date (s) prior to bringing them to class with you on May 4, 2020. If there are any questions, I can be reached at (850) 875-8324; ext. 5121 or email suberj@gcpsmail.com.

Mission Statement

The mission of Gadsden Technical Institute is to recognize the worth and potential of each student. We are committed to providing opportunities for basic and advanced instruction in a conducive learning environment. The Center encourages academic and technical curiosity, innovation and creativity by integrating applied academic skills in all occupational areas. We strive to instill the attitudes and skills necessary to produce motivated, self-sufficient individuals who are able to function effectively in our ever-changing, complex society.