**Coach Elliott**

**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 1 (January 3-5)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | Holiday | Preplanning | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  |  |  | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws |
| **Module** |  |  | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 1– Basic Safety 3&4 – Hand Tools; Power Tools |
| **Objectives** |  |  | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects |
| **Key Terms** |  |  | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb |
| **Instructional Strategies**  |  |  | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level |

**Coach Elliott**

**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 2 (January 8-12)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws |
| **Module** | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 1– Basic Safety 3&4 – Hand Tools; Power Tools |
| **Objectives** | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects |
| **Key Terms** | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb |
| **Instructional Strategies**  | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level |

**Coach Elliott**

**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 3 (January 16-19)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws |
| **Module** | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 1– Basic Safety 3&4 – Hand Tools; Power Tools |
| **Objectives** | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects |
| **Key Terms** | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb |
| **Instructional Strategies**  | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 4 (January 22-26)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws |
| **Module** | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 1– Basic Safety 3&4 – Hand Tools; Power Tools |
| **Objectives** | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects |
| **Key Terms** | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb |
| **Instructional Strategies**  | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 5 (January 29-February 2)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws |
| **Module** | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 1– Basic Safety 3&4 – Hand Tools; Power Tools |
| **Objectives** | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects |
| **Key Terms** | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb |
| **Instructional Strategies**  | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 6 (February 5-9)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws | Common Hand Tools; Drills; Saws |
| **Module** | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 3&4 – Hand Tools; Power Tools | 1– Basic Safety 3&4 – Hand Tools; Power Tools |
| **Objectives** | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects | Safely and properly demonstrate and use common hand tools and power tools associated with their projects |
| **Key Terms** | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb | Trigger lock; RPM; Countersink; Auger bit; Grit; Chuck; Kerf; Shank; GFCI; Pliers; Claw Hammer; Speed Square; Level; Cats Paw; Strip; Plumb |
| **Instructional Strategies**  | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level | Review safety procedures and use of proper PPEAdminister Performance Task ReviewGroup students together based on performance level |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 7 (February 12-16)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-5 | AC-IFOS-5 | AC-IFOS-5 | AC-IFOS-5 | AC-IFOS-5 |
| **Concept**  | Introduction to Construction Drawings | Introduction to Construction Drawings | Introduction to Construction Drawings | Introduction to Construction Drawings | Construction Drawing Quiz |
| **Module** | 5 – Introduction to Construction Drawings | 5 – Introduction to Construction Drawings | 5 – Introduction to Construction Drawings | 5 – Introduction to Construction Drawings | 5 – Introduction to Construction Drawings |
| **Objectives** | Identify and describe various types of construction drawings, including their fundamental components and features | Identify and explain the significance of various drawing elements, such as lines of construction, symbols, and grid lines | Identify and explain the use of dimensions and various drawing scales | Identify and describe how to use engineer’s and architect’s scales |  |
| **Key Terms** | Architect, Architectural plans; Structural Plans; Dimension Line; Floor Plan; Legend; Mechanical Plans; Architects scale; title block | Elevation Drawing; Civil plans; P&ID’s; Elevation; symbol; metric scale; specifications; roof plan; plumbing plans; blueprints; fire protection plan | CAD; Contour lines; Detail drawings; Engineer; Electrical plans; Beam; Schematic | Foundation plan; NTS; Hidden line; Plumbing isometric drawing; Leader; Section drawing |  |
| **Instructional Strategies**  | Explain purpose of different types of plans.Class discussion about different types of plans.Powerpoint | Assign reading of sections and complete Section ReviewsPowerPoint | Lab devoted to practicing use of construction drawings Complete Performance Task 1 | Module ReviewTrade Terms Review |  |

**Industry Fundamentals of Occupational Safety**

**Fall 2017**

Winter Break

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | Student Holiday | Student Holiday | Winter Holiday | Winter Holiday | Winter Holiday |
| **Concept**  |  |  |  |  |  |
| **Chapter** |  |  |  |  |  |
| **Objectives** |  |  |  |  |  |
| **Key Terms** |  |  |  |  |  |
| **Instructional Strategies**  |  |  |  |  |  |

**Coach Elliott**

**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 8 (February 26-March 2)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-7 |
| **Concept**  | Basic Communication Skills | Basic Communication Skills | Basic Communication Skills | Basic Communication Skills | Basic Communication Skills |
| **Module** | 7 – Basic Communication Skills | 7 – Basic Communication Skills | 7 – Basic Communication Skills | 7 – Basic Communication Skills | 7 – Basic Communication Skills |
| **Objectives** | Describe the communication, listening, and speaking processes and their relationship to job performance. | Describe the communication, listening, and speaking processes and their relationship to job performance. | Describe the communication, listening, and speaking processes and their relationship to job performance. | Describe the communication, listening, and speaking processes and their relationship to job performance. | Describe the communication, listening, and speaking processes and their relationship to job performance. |
| **Key Terms** | Appendix; Bullet; Fonts; Glossary; Graph; Index | Italics; Punch Lists; Memo; Table of contents; Table | Electronic Signature; Active Listening; Body Language | Jargon; Permit; Change order | Paraphrase; Non-Verbal Communication |
| **Instructional Strategies**  | Kickoff Activity pairing students up according to teacher discretionPowerpoint | Review the communication process as a group discussionPowerPoint | Complete Performance Task 1PowerPoint | Class discussion regarding job-related writing requirementsComplete Performance Task 2PowerPoint | Complete Performance Task 3PowerPoint |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 9 (March 5-9)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Basic Communication Skills | Basic Communication Skills Quiz | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs |
| **Module** | 7 – Basic Communication Skills | 7 – Basic Communication Skills Quiz | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings |
| **Objectives** | Describe good reading and writing skills and their relationship to job performance. | Basic Communications Quiz | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs |
| **Key Terms** | Appendix; Bullet; Fonts; Glossary; Graph; Index |  | Bandsaw | Bandsaw | Bandsaw |
| **Instructional Strategies**  | Module Review |  | Demonstration of bandsaw use and techniquesInstructional VideoPowerPoint | Instructional VideoPowerPoint | PowerPoint |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 10 (March 12-16)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday (Early Release Day)** | **Friday (Early Release Day)** |
| **Standard** | Student Holiday | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  |  | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs |
| **Module** |  | 7 – Basic 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings |
| **Objectives** |  | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs |
| **Key Terms** |  | Bandsaw | Bandsaw | Bandsaw | Bandsaw |
| **Instructional Strategies**  |  | PowerPoint | PowerPoint | PowerPoint | PowerPoint |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 11 (March 19-23)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs |
| **Module** | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 7 – Basic 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings |
| **Objectives** | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs |
| **Key Terms** | Bandsaw | Bandsaw | Bandsaw | Bandsaw | Bandsaw |
| **Instructional Strategies**  | Demonstration of bandsaw use and techniquesInstructional VideoPowerPoint | PowerPoint | PowerPoint | PowerPoint | PowerPoint |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 12 (March 26-30)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs |
| **Module** | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 7 – Basic 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings |
| **Objectives** | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs |
| **Key Terms** | Bandsaw | Bandsaw | Bandsaw | Bandsaw | Bandsaw |
| **Instructional Strategies**  | Demonstration of bandsaw use and techniquesInstructional VideoPowerPoint | PowerPoint | PowerPoint | PowerPoint | PowerPoint |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Spring Break**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** |  |  |  |  |  |
| **Concept**  |  |  |  |  |  |
| **Module** |  |  |  |  |  |
| **Objectives** |  |  |  |  |  |
| **Key Terms** |  |  |  |  |  |
| **Instructional Strategies**  |  |  |  |  |  |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 13 (April 9-13)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs |
| **Module** | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 7 – Basic 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings |
| **Objectives** | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs |
| **Key Terms** | Bandsaw | Bandsaw | Bandsaw | Bandsaw | Bandsaw |
| **Instructional Strategies**  | PowerPoint | PowerPoint | PowerPoint | PowerPoint | PowerPoint |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 14 (April 16-20)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs |
| **Module** | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 7 – Basic 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings |
| **Objectives** | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs |
| **Key Terms** | Bandsaw | Bandsaw | Bandsaw | Bandsaw | Bandsaw |
| **Instructional Strategies**  | PowerPoint | PowerPoint | PowerPoint | PowerPoint | PowerPoint |

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**Industry Fundamentals and Occupational Safety**

**Winter-Spring 2018**

**Week 15 (April 23-27)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 | AC-IFOS-1,2,3,4 |
| **Concept**  | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs | Adirondack Chairs |
| **Module** | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 7 – Basic 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings | 3,4,5 – Hand Tools, Power Tools, Construction Drawings |
| **Objectives** | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs | Applying knowledge gained from previous modules and learning new tools to construct Adirondack Chairs |
| **Key Terms** | Bandsaw | Bandsaw | Bandsaw | Bandsaw | Bandsaw |
| **Instructional Strategies**  | PowerPoint | PowerPoint | PowerPoint | PowerPoint | PowerPoint |

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**Winter-Spring 2018**

**Week 16 (April 30 – May 4)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1 | AC-IFOS-1 | AC-IFOS-1 | AC-IFOS-1 | AC-IFOS- |
| **Concept**  | Basic Employability Skills | Basic Employability Skills | Basic Employability Skills | Basic Employability Skills | Basic Employability Skills |
| **Chapter** | 8 – Employability Skills | 8 – Employability Skills |  8 – Employability Skills | 8 – Employability Skills | 8 – Employability Skills |
| **Objectives** | Describe the opportunities in the construction business and how to enter the construction workforce.  | Explain the importance of critical thinking and how to solve problems | Explain the importance of critical thinking and how to solve problems | Explain the importance of social skills and identify ways good social skills are applied in the construction trade | Explain the importance of social skills and identify ways good social skills are applied in the construction trade |
| **Key Terms** | Mission statement; Reference; Cannabinoids; Self-presentation; Work ethic; Professionalism | Confidentiality; Initiative; Tactful; Tardiness; Compromise; Constructive criticism | Zero tolerance; Bullying; Leadership; Harassment; Sexual harassment; Amphetamine; Barbituate | Hallucinogen; Maethamphetamine | Opiates; Absenteeism; Synthetic drugs |
| **Instructional Strategies**  | PowerPointInstructional videos | PowerPointInstructional videos | PowerPointInstructional videos | PowerPointInstructional videos | Administer Module quiz |

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**Winter-Spring 2018**

**Week 17 (May 7-11)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-1 | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-7 |
| **Concept**  | Basic Employability Skills | Material Handling | Material Handling | Material Handling | Material Handling |
| **Chapter** | 8 – Employability Skills | 9 – Introduction to Material Handling | 9 – Introduction to Material Handling | 9 – Introduction to Material Handling | 9 – Introduction to Material Handling |
| **Objectives** | Employability Skills Quiz | Describe the basic concepts of material handling and common safety precautions | Identify and describe how to tie knots commonly used in material handling | Identify various types of material handling equipment and describe how they are used | Identify motorized and non-motorized material handling equipment and describe how they are used |
| **Key Terms** |  | Work Zone; Bowline; Pipe transport; Pipe Mule; Spotter; Clove hitch  | Powered wheelbarrow; Capsize; Cylinder cart; Square knot; Drum dolly | Rough terrain forklift; Freight elevator; Working end; Standing order; Roller skids; Half hitch; Material cart | Hand trucks; Industrial forklift; Pallet jack; Drum cart; Wheelbarrow; Concrete mule; Standing part |
| **Instructional Strategies** |  | PowerPointInstructional videos | PowerPointInstructional videos | PowerPointInstructional videos | PowerPointInstructional videos |

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**Winter-Spring 2018**

**Week 18 (May 14-18)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday** | **Wednesday**  | **Thursday** | **Friday** |
| **Standard** | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-7 | AC-IFOS-7 |
| **Concept**  | Material Handling | Benchmark Study Guide | Benchmark Study Guide | Benchmark Study Guide | Benchmark Study Guide |
| **Chapter** | 9 – Introduction to Material Handling | All Module Review | All Module Review | All Module Review | All Module Review |
| **Objectives** | Material Handling Quiz | Prepare for Benchmark | Prepare for Benchmark | Prepare for Benchmark | Prepare for Benchmark |
| **Key Terms** |  |  |  |  |  |
| **Instructional Strategies** |  | PowerPointInstructional videos | PowerPointInstructional videos | PowerPointInstructional videos | PowerPointInstructional videos |

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**Industry Fundamentals and Occupational Safety**

**Spring 2018**

**Week 19 (May 21-25)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Monday** | **Tuesday****(BM 7)** | **Wednesday** **(BM 1,2)** | **Thursday****(BM 3,4)** | **Friday****(BM 5,6)** |
| **Standard** | AC-IFOS-1,2,4,5,6,7,8,9 | AC-IFOS-1,2,4,5,6,7,8,9 | AC-IFOS-1,2,4,5,6,7,8,9 | AC-IFOS-1,2,4,5,6,7,8,9 | AC-IFOS-1,2,4,5,6,7,8,9 |
| **Concept**  | Study Guide for Benchmark | Benchmark | Benchmark | Benchmark | Benchmark |
| **Chapter** | All module review |  |  |  |   |
| **Objectives** |  |  |  |  |  |
| **Key Terms** |  |  |  |  |  |
| **Instructional Strategies**  |  |  |  |  |  |