# STUDENT GRADE RECORD Career & Technical Education WINDHAM SCHOOL DISTRICT

| Student Name                    |
|---------------------------------|
| TDCJ #                          |
| Social Security Number          |
| Contified Confit Leatmenter     |
|                                 |
| Certified Craft Instructor Code |

Unit \_\_\_\_\_

[\_\_

WSD Certificate

Y / N

| If I were hiring for this position, I would: (check one) |
|--|
| [] 0-No recommendation at this time.                     |
| (Cannot be used for Completers)                          |

|    | (cumot of used for completensi)        |
|----|--|
| [] | -Hire this person and look no further. |

| ] | 2-Interview this person along with oth | her |
|---|--|-----|
|   | applicants                             |     |

| [] 3-Not hire this perso | on. |
|--------------------------|-----|
|--------------------------|-----|

#### Complete only if student attempted industry certification.

| Name of Industry Certificate | Code | P/F |
|------------------------------|------|-----|
| NCCER, Core                  | 0300 |     |
| NCCER, Sheet Metal, Level-I  | 0361 |     |
| CSSO                         | 0102 |     |
| OSHA                         | 0100 |     |

I attest that all of the information reported on this form is true.

Certified Craft Instructor Signature

Date of Report – CORE \_\_\_\_\_

Date of Report – CSSO \_\_\_\_\_

Date of Report – Level I

| Course Outline Modules  | Industry<br>Module Test | Industry<br>Module<br>Performance | Module<br>Competency<br>Rating |
|---|-------------------------|-----------------------------------|--------------------------------|
| CORE  |                         |                                   |                                |
| 0. CTE Orientation  |                         |                                   |                                |
| 1. Basic Safety- 00101-09   |                         |                                   |                                |
| 2. Introduction to Construction<br>Math- 00102-09                                       |                         |                                   |                                |
| 3. Introduction to Hand Tools-<br>00103-09  |                         |                                   |                                |
| 4. Introduction to Power Tools-<br>00104-09   |                         |                                   |                                |
| 5. Introduction to Construction<br>Drawings- 00105-09                                   |                         |                                   |                                |
| 6. Basic Rigging- 00106-09  |                         |                                   |                                |
| <ol> <li>Basic Communication Skills-<br/>00107-09</li> </ol>                            |                         |                                   |                                |
| <ol> <li>Basic Employability Skills-<br/>00108-09</li> </ol>                            |                         |                                   |                                |
| 9. Introduction to Materials<br>Handling- 00109-09                                      |                         |                                   |                                |
| SHEET METAL LEVEL-I   |                         |                                   |                                |
| 10. Introduction to the Sheet Metal<br>Trade- 04101-08                                  |                         |                                   |                                |
| 11. Tools of the Trade- 04102-08  |                         |                                   |                                |
| <ol> <li>Introduction to Sheet Metal<br/>Layout and Processes- 04103-<br/>08</li> </ol> |                         |                                   |                                |
| 13. Trade Math One-04104-08   |                         |                                   |                                |
| <ol> <li>Fabrication One-Parallel Line<br/>Development - 04105-08</li> </ol>            |                         |                                   |                                |
| 15. Installation of Ductwork-<br>04106-08   |                         |                                   |                                |
| 16. Installation of Air Distribution<br>Accessories -04107-08                           |                         |                                   |                                |
| 17. Insulation- 04108-08  |                         |                                   |                                |
| Windham Module Test Average   | x                       | . 75                              | a                              |

| Windham Module Test Average     |  | x . 75 | а    | Completer |
|---------------------------------|--|--------|------|-----------|
| Windham End of Course Exam      |  | x . 25 | b    | 1         |
| Windham Module Score $(a + b=)$ |  |        | 70+  |           |
| % Competencies Completed        |  |        | 70+  |           |
| Module Competency Rating        |  |        | 2.7+ |           |

I hereby authorize the NCCER Registry Department to verify information in my craft training records to Sponsor Representatives upon request. I release and hold harmless the National Center for Construction Education and Research for this verification process.

Date \_\_\_\_\_

Signature \_\_\_\_\_

Sponsor Representative

### STUDENT PROGRESS RECORD

| RECORDING DIRECTIONS<br>SKILL RATING: Post the student's competency rating for each skill<br>MODULE TEST SCORE: Enter the student's test score for the modu<br>MODULE RATING: Use the following scale to determine module ra<br>[4] Skilled- Can perform competencies independently with no supe<br>[3] Moderately Skilled- Can perform competencies with limited si<br>[2] Limited Skill- Requires instruction and close supervision to pe<br>Note: When evaluating a student's module rating, skill performance | performed.<br>le.<br>ting:<br>ervision.<br>upervision.<br>rform competencies.<br>e should be given priority                                    |
|---|--|
| CODE  | • Saw  |
| UUKE  |  |
| 0. CTE Orientation  | 2. Make a straight square cut using a crosscut saw.  |
| Teacher Student   | 3 Safely and properly use a minimum of three of the  |
| Initial Initial   | following tools:   |
| 1. Identify employment opportunities related to the course.   | <ul> <li>Hammer and cat's paw (to drive and pull nails)</li> <li>Screwdriver (slotted and Phillips)</li> </ul>                                 |
| 2. Identify the number of classroom hours a student must attend to be considered as a completer.  | <ul> <li>Adjustable wrench</li> <li>CHANNELLOCK<sup>®</sup> pliers</li> <li>Spirit level</li> <li>Carpenter's square and steel tape</li> </ul> |
| 3. Identify the industry-recognized certification.  | <ul> <li>Carpenter 5 square and steel tape</li> <li>Saw</li> </ul>   |
| 4. Identify course expectations including   | - Saw  |
| Working conditions     Attendance expectations  | 4. Introduction to Power Tools- 00104-09   |
| • Instructor's expectations   | Module Test Score  |
| -   | Module Rating (4, 3, 2)  |
| 1. Basic Safety- 00101-09   | 1. Safely and properly use three of the following tools:   |
| Module Test Score   | • Electric drill   |
| Minimum 100% Required   | Circular conv  |
| Module Rating (4, 3, 2)   | • Circular saw   |
| 1. Inspect personal protective equipment (PPE) to   | • Saw Zall <sup>®</sup>  |
| determine if it is safe to use (PPE should include<br>safety goggles, hard hat, gloves, safety harness and<br>safety shoes).  | Pneumatic power nailer   |
| 2 Properly don and remove personal protective   | 5. Introduction to Construction Drawings- 00105-09   |
| equipment (safety goggles, hard hat and personal  | Module Test Score  |
| fall protection).   | Module Rating (4, 3, 2))   |
| 3. Demonstrate safe lifting procedures.   | 1 Using the floor plan availad with this medule.   |
| 4. Set up an extension ladder properly.   | 1. Using the noor plan supplied with this module:  |
| 5. Demonstrate three-point contact on a ladder.   | • Locate the wall common to both interview rooms.  |
| 2. Introduction to Construction Math- 00102-09  | • Determine the overall width of the structure studio.   |
|   | • Find the distance from the outside east wall to  |
| Module Test Score   | the center of the beam in the structure studio.  |
| This is knowledge-based; there is no performance test.  | • Find the elevation of the slab.  |
| 3. Introduction to Hand Tools- 00103-09   |  |
| Madule Test Scare   |  |
| Module Rating (4, 3, 2)   | 6. Basic Rigging- 00106-09   |
| 1. Visually inspect the following tools to determine if   | Module Test Score  |
| they are safe to use:   | Module Rating (4, 3, 2)  |
| • Hammer  | 1. Select and inspect appropriate slings for a lift.   |
| Screwdriver  Student Name:  | OTTE 757   |
| Student Name:         Page 2  | of 5 Feb. 2014   |

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2. Given various loads, determine the proper hitch to be used. 3. Select and inspect appropriate hardware and/or lifting equipment. 4. Demonstrate and/or simulate the proper techniques for connecting hitches. 5. Demonstrate the proper use of all hand signals according to ANSI B30.2 and B30.5. Describe or demonstrate pre-lift safety checks. \_\_\_\_6. 7. Demonstrate and/or simulate how to lift a load level. \_8. Describe and/or demonstrate safety precautions for attaching and disconnection a load. 7. Basic Communication Skills- 00107-09 Module Test Score \_\_\_\_ Module Rating (4, 3, 2) 1. Fill out a work-related form supplied by your instructor. (Handouts 4 and 5 are sample forms and are provided in the AIG for this module as an optional resource.) 2. Read instructions for how to properly don a safety harness, orally instruct another person to don the apparatus. \_ 3. Perform given task after listening to oral instructions. 8. Basic Employability Skills- 00108-09 Module Test Score \_ Module Rating (4, 3, 2) \_ 1. Demonstrate the ability to access, retrieve, and print from the following basic software programs: Email Databases Internet 9. Introduction to Materials Handling- 00109-09 Module Test Score \_ *Module Rating* (4, 3, 2) \_ 1. Demonstrate proper materials-handling techniques. SHEET METAL LEVEL-I 10. Introduction to the Sheet Metal Trade- 04101-08 Module Test Score

*Module Rating* (4, 3, 2,)

1. Identify types of metal from a collection of materials to instructor standards.

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**CTE-757** 

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#### Use a standard sheet metal gauges to measure 3. various metal thicknesses to given standards. 11. Tools of the Trade-04102-08

#### 1. Identify a given hand tool, state its application, and describe its safe use and maintenance. 2. Demonstrate the use of a given hand tool, according to standards as given by your instructor. \_ 3. Identify a given power tool, state its application, and describe its safe use and maintenance. 4. Demonstrate the use of a given power tool, according to standards as given by your instructor. 5. Identify a given shop machine, state its application, and describe its safe use and maintenance. 6. Demonstrate the use of a given shop machine, according to standards as given by your instructor.

Module Rating (4, 3, 2)

2. Identify common sheet metal fittings.

- Select the most suitable tool or machine for a given 7. application.
- 8. Demonstrate the use of the selected tool, according to standards as given by your instructor.

#### 12. Introduction to Sheet Metal Layout & Processes- 04103-08

#### Module Test Score

Module Test Score \_\_\_

#### *Module Rating* (4, 3, 2)

- 1. Transfer a sheet metal pattern to a piece of sheet metal to given standards.
- 2. Use hand snips to make the following cuts to given standards on 24-guage or lighter sheet metal: straight cuts, outside curved cuts, and internal cuts.
- 3. Perform a double cut on light pipe to given standards
- 4. Use shears to square a piece of light gauge sheet metal for ductwork to within 1/16 inch.
- Use stakes to form a cone for a weather cap to 5. given standards.
- 6. Use stakes to form a 90-degree bend to given standards
- \_ 7. Use a slip-roll forming machine to make two sections of round pipe with grooved seams to given standards.
- Use a box and pan brake to make right-angle bends 8. to given standards on light-gauge stock.
- 9. Use a bar folder to make a hem bend to given standards.
- 10. Use a hand brake to make a Pittsburg seam to given standards.

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- 11. Make a crimped edge on round pipe to given standards.
- \_\_\_\_\_ 12 Join two sections of round pipe by crimping and beading to given standards.

#### 13. Trade Math One- 04104-08

#### Module Test Score \_

\_ *Module Rating* (4, 3, 2)

\_\_\_\_ 1 Use the OWL Method to calculate a specific offset.

# 14. Fabrication One-Parallel Line Development 04105-08

#### Module Test Score

#### \_\_\_\_ Module Rating (4, 3, 2)

- 1. Under the supervision of the instructor, the trainee should be able to lay out and fabricate seven fittings from among the following:
  - Grooved lock seam
  - Flexible connection
  - Pittsburg seam
  - Mitered fitting
  - 90-degree elbow
  - 90-degree change elbow
  - 45-degree change elbow
  - Rectangular Y-branch
  - 90-degree double Y-branch
  - 90-degree clinch tee
  - Three piece round offset
  - Transition with three straight sides
  - Transition with two straight sides
  - Double offset
  - Ogee offset
  - Rectangular roof flange
  - Smokestack
  - Gored elbow
  - Ogee gutter
  - Belt guard Lay out and fabricate the following:
  - 90-degree tee
  - 45-degree tee
  - Type-A ventilator

#### 15. Installation of Ductwork- 04106-08

#### Module Test Score \_

#### \_\_\_\_ Module Rating (4, 3, 2)

- 1. Identify a given fastener and state its application.
- 2. Determine the various specifications of given fasteners.
- \_\_\_\_\_ 3. Classify hangers by types and applications.
- 4. Demonstrate the proper method of installing selected duct hangers, supports, and reinforcements.
  - \_\_\_\_5. Connect and seal rectangular and round duct.

#### Student Name: \_ TDCJ Number: \_

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16. Installation of Air Distribution Accessories-04107-08

#### Module Test Score

#### \_\_\_ Module Rating (4, 3, 2)

- 1. Explain the purpose of selected air distribution accessories.
- Simulate and/or demonstrate the installation of selected air distribution accessories,
- \_\_\_\_ 3. Install an opposed-blade balancing damper in a section of lined duct.
- \_\_\_\_\_4. Install a takeoff in the same section of duct.

#### 17. Insulation 04108-08

#### Module Test Score

#### Module Rating (4, 3, 2)

1. Measure and cut a specified length of fibrous duct wrap from a larger piece, including at least one facing tab, using the appropriate tools.

2.Properly install appropriate insulation around a provided pipe.

\_\_\_\_\_3. Properly install a vapor barrier around a provided pipe.

4. Properly seal the seams, joints, or facing tabs on the insulation with tape or adhesive, as the instructor chooses.

\_\_\_\_5. Install metal nosing.

#### 18. Architectural Sheet Metal 04109-08

#### Module Test Score\_\_\_\_

#### \_\_\_\_Module Rating (4, 3,2)

1. Layout and develop the pattern for a 60 degree twopiece conductor elbow.

- \_\_\_\_\_2. Fabricate the fitting listed above.
- \_\_\_\_\_ 3. Form and solder a lap seam and a butt seam.
- \_\_\_\_\_ 4. Lay out and fabricate the following:
- Rectangular outlet tube
- Rectangular gutter (two styles)
- \_\_\_\_ 5. Fabricate flashing for a shingle roof.
- \_\_\_\_\_ 6. Lay out and fabricate the following:
  - Chimney flashing
  - Typical metal coping profile

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| Number of Skills Completed ÷        |
|-------------------------------------|
| <u>68</u> Number of Skills on SPR = |
| % of Skills Completed               |
| Conference                          |
| Date: Hours in class:               |
| Comments:                           |
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Teacher initial: \_\_\_\_\_ Student initial: \_\_\_\_

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