

Enter Student Name

Enter School / Training Facility

**ARTICULATION COMPETENCY RECORD**

**Baker College**

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| Please check below each skill the student has mastered with a minimum of 80 percent accuracy. |

**ACT101 Architectural Drafting I**

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| **Task** | | | **Satisfactory** | **Unsatisfactory** |
| 1. | Demonstrate the following drafting requirements on all drawings: | |  |  |
|  | a. | Applicable local and state codes, standard line types to clarify the architectural drawing to the drawing reader. |  |  |
|  | b. | Graphic accuracy with + or \_ 1/32” when using a straight edge, triangles, scales, compass, dividers, floor template, circle template or other drafting tools. |  |  |
|  | c. | Acceptable form of either vertical or inclined lettering using guidelines. |  |  |
|  | d. | Standard graphic and informational elements incorporating proper line weight, notes, notes leaders, material indications, abbreviations, sheet numbers, drawing numbers, and drawing titles. |  |  |
|  | e. | Proper orthographic projection techniques and view placement. |  |  |
|  | f. | Proper orthographic projection techniques and view placement. |  |  |
| 2. | Translate a design program of a small residential building by establishing design goals, collecting and analyze facts, determining space needs, and stating the problem. | |  |  |
| 3. | Develop graphic progression of design from bubble (space relationships of circulation) and block (Plan, site analysis/plan, roof plan, building sections, exterior elevations and perspectives) diagrams of a small residential building. | |  |  |
| 4. | Apply elements and principles of design to organize space or create an object of a specified function. | |  |  |
| 5. | Compose architectural designs by using 2D and 3D freehand sketching methods and techniques. | |  |  |
| 6. | Design a floor plan of a small residential building based on a given program and building site. | |  |  |
| 7. | Design a foundation plan of a small residential building and identify structural elements. | |  |  |
| 8. | Design and specify important parameters/measurements of a stairway for a small residential building according to the current Michigan Residential Code. | |  |  |
| 9. | Design a roof-framing plan of a floor plan with appropriate roof style(s). | |  |  |
| 10. | Create a 2D and 3D architectural exterior or interior rendering composition with proper balance, harmony and focus. | |  |  |
| 11. | Organize door and window schedules of a small residential building. | |  |  |
| 12. | Design a site plan based on the current local zoning ordinances and Michigan Residential Code. | |  |  |
| 13. | Prepare and submit a research and documentation notebook (research paper) using the internet, library and other relevant informational resources. | |  |  |

Teacher signature Enter Date