**Assessment Rubric: Algorithms & Programming**

| 4 Advanced | 3 Proficient | 2 or 1 Areas of Concern |
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| Going above & beyond.   * The ‘WOW’ factor: Demonstrated ability beyond what’s explicitly taught or expected. | Meeting Expectations, Goals, or Objectives   * Demonstrates competency to learning goals by completing all aspects of the project, for both technical competencies and professional skills. | Not meeting expectations   * Absenteeism not made up * Incomplete/missing work or does not demonstrate a minimum level of ability |
|  | **Technical Competencies**  I can…   * + Apply project management techniques (waterfall, agile, design process, top-down design, etc.)   + Create a plan for a program (pseudocode, flowchart, UML, et.)   + Demonstrate sequence, selection, iteration in a program   + Clarify and describe basic data structures (types, choices, purpose)   + Explain why documentation and comments are important in a program   + Identify and explain how to fix errors in code - debug (syntax, logic, runtime errors)   + Compare and contrast and justify heuristic vs refactoring of a program.   —-----------------------------------------------------------------------------------------------  **Professional Skills**  I can:   * zzz * zzz |  |