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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ELT1010 Disassembly Rubric Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Outcome** | **Goal** | **Excellent - 4** | **Proficient - 3** | **Satisfactory - 2** | **Not Acceptable - 1** | **Student** | **Teacher** |
| **Health and Safety (x1)** | *OHS* | Excellent grasp and application of safety policy and practice. | Good understanding of policy and consistent use of PPE. | Inconsistent use of PPE and basic understanding of safety policy. | Apparent disregard for safety practice and policy. |  |  |
| *Personal Safety* |
| *Basic Safety* |
| **Hazard Identification (x1)** | *Jobsite* | Thorough and insightful understanding. | Good understanding. | Needs guidance in identification. | Doesn’t grasp basic hazard recognition. |  |  |
| *PPE* |
| **Soldering Basics(x1)** | *Concepts and Theory* | Excellent understanding of all aspects of Soldering processes; thorough understanding of terminology when questioned | Understanding of soldering, terminology, and concepts demonstrated | Inconsistent recognition of soldering terminology; skills not demonstrated | Understanding of the concepts related to soldering not demonstrated;  |  |  |
| **Disassembly Practical****(x 3)** | *Device Dismantling* | Excellent separation of device into component pieces. Minimal damage to parts. Clean work station maintained. | Device separated without incident. Minimal damage to components. Organization of work station attempted. | Disassembly not done carefully. Components damaged during process. Disorganized work station. | Device not taken apart carefully by removing fasteners. No regard for final product. Messy operator. |  |  |
| *Device Removal* | All wires and cables disconnected with minimal destruction. Maximum part salvage obtained. | Pieces separated cleanly and wires detached properly. Good salvage efforts made. | Some pieces not taken apart carefully. Some salvageable pieces not removed carefully. | Little or no effort put to taking component pieces apart. No concern for keeping parts in salvageable condition. |  |  |
| *Solder Removal* | Excellent control of heat. Desoldering tool used on all joints. Pliers used for component removal. Care taken not to drop molten solder. | Desoldering tool generally used. Care taken when removing desoldered components. Care taken when melting solder. | Desoldering tool used sometimes. Components generally free of solder when removed. | Little care taken when desoldering components. Excessive use of wire cutters. Rushed, little or no care shown. |  |  |
| **Interpersonal Skills (x1)** | *Communication and Citizenship* | Communicates clearly. Asset to the shop. | Good shop citizen. Effective communicator. | Inconsistent personal inter-relationships. | Does not relate/respond well with others. |  |  |
| **In Short…..** | *Be the Best You Can* | WOW!!!! | OK | Right Idea, but….. | No, you need to….. |  |  |

52-44 Excellent 43-36 Proficient 35-29 Satisfactory 28-0 Not Meeting Acceptable Standards