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| **MEMORANDUM** | | |  | |
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| **To:** | Charlie Refvem, Lecturer, Department of Mechanical Engineering, Cal Poly SLO | | | |
|  | [**crefvem@calpoly.edu**](mailto:crefvem@calpoly.edu) | | | |
| **From:** | Michael Shokoohi | | |
|  | Msshokoo@calpoly.edu | | |
| **Date:** | 10/9/2025 |
| **RE:** | **ME 405-01 Mecha-02** |
|  |  | | | |

**A screen shot of a computer screen

AI-generated content may be incorrect.**

**Figure 1. Shown is the Task diagram used for checking user input, collecting data, and publishing it to the serial connection.**

**A graph with white text

AI-generated content may be incorrect.**

**Figure 2. Shown are the states present within the serial task**

**A black grid with white text

AI-generated content may be incorrect.**

**Figure 3. Shown are the states present in the Collection Task.**

**[1] ME 405 Lab 0x02 manual**