**UF ROSF Project**

Final:

1. Conduct engineering design and development tasks
2. Analyze the operation or functional performance of a component or system
3. Perform thermal science or fluid dynamic analysis
4. Perform solid mechanics analysis
5. Perform dynamics or vibrational analysis
6. Perform control analysis
7. Create or revise technical drawings
8. Develop or modify computer codes and/or public software including CAD, CAM, FEA, CFD, Matlab, C++, Python, or related computational tools
9. Conduct experimental programs, including the testing of prototypes, components, hardware, or products
10. Conduct manufacturing activities or processes
11. Conduct quality control activities or troubleshooting a failure of a component or system
12. Create written documentation of procedures, processes, or results
13. Communicate via oral presentations to a variety of audiences
14. Collaborate with or contribute to an engineering group, department, or multi-disciplinary team
15. Participate in on-the-job training and develop new technical skills or abilities

na: Not a job task

other: Other