Spring 2023
ME 699 – ME Topics Course Descriptions

<u>ME 699, Section A, 12981 - Graphics Practicum</u>

Prerequisite: ME 212 – Engineering Graphics

Counts as 300-level ME Tech Elective. Does <u>not</u> count towards 600-level ME Tech Elective.

This course covers advanced 3D CAD features and solid modeling techniques including an introduction to sheet metals, multi-body parts, weldments, etc. The topics covered will meet the requirements for the CSWP-Mechanical Design exam. After successfully completing this course, students will be able to:

1. Model sheet metals, multi-body parts, weldments.
2. Use linked dimensions and equations to aid in modeling
3. Use advanced SolidWorks features such as, creating configurations from other configurations, deform features, Macros.
4. Use basic and advanced assembly features