

Lab-3A Assignment

Review Test is due by end of Lab session

Download the zip file “*Lab-3A Parts Mech.-Mates and Analyzing Assemblies.zip*” from CCLE Week-3. It contains all of the parts used in these tutorials. Use these to practice while watching the tutorial videos. You will learn important techniques, tricks, and shortcuts.

1. Analyzing Assemblies:

Interference detection, dynamic clearance, collision detection, and exploding assemblies. Very useful features you will need for your design project.

2. Mechanical Mates:

Gears, Screws, Hinges, Slots, Rack & Pinion, Cams, and Universal Joints.

To learn about these mates, download corresponding part files and practice the mate techniques. These are a set of very useful techniques.

Deliverables: [Review Test due today by end of lab session!](#)