**Section Conclusion: Basic Assemblies**

This section covered assemblies in SOLIDWORKS.

Before your leave this section make sure you know the following:

* How to open an assembly file from nothing and from a part.
* What are the three types of mates in a SOLIDWORKS assembly: Standard, Advanced, Mechanical.
* Which part is fixed by default in an assembly.
* What are and how to use the standard mates: Coincident, Parallel and Perpendicular.
* What are and how to use the standard mates: Tangent and Concentric.
* How to identify existing mates.
* How to delete and/or modify existing mates.
* What are and how to use the standard mates: Distance and Angle.
* What is and how to use the standard mate: LOCK.

If you do not know or unsure of any of the listed aspect above, we recommend reviewing the lectures in this section again before moving to the next!!