

# MMAN1130 – Design and Manufacture

## Lesson 4 – Computer-aided Manufacture - Prelab Exercises

The following videos can be accessed once you have created an account to access My Solidworks. If you haven't created an account, or are unsure how, please go to <https://www.solidworks.com/media/mysolidworks-students> .

Note, all CAM skills are core. There are no advanced skills, it is important you master them all.

### Core

Define Machine - <https://my.solidworks.com/training/master/731>

Define Stock - <https://my.solidworks.com/training/master/732>

Define Coordinate System - <https://my.solidworks.com/training/master/733>

Automatic Feature Recognition - <https://my.solidworks.com/training/master/734>

Generate Operation Plans - <https://my.solidworks.com/training/master/735>

Generate Toolpaths - <https://my.solidworks.com/training/master/736>

Simulate Toolpaths - <https://my.solidworks.com/training/master/737>

Reorder Operations - <https://my.solidworks.com/training/master/738>

Sort Operations - <https://my.solidworks.com/training/master/739>

Modify Rough Operation Parameters - <https://my.solidworks.com/training/master/740>

Modify Contour Operation Parameters - <https://my.solidworks.com/training/master/741>

Modify Contour Operation Leadin Parameters - <https://my.solidworks.com/training/master/742>

Interactive Feature Recognition - <https://my.solidworks.com/training/master/743>

Optimize Toolpaths - <https://my.solidworks.com/training/master/744>

Combine and Link Operations - <https://my.solidworks.com/training/master/745>

Define Avoid Areas - <https://my.solidworks.com/training/master/746>

Define Contain Areas - <https://my.solidworks.com/training/master/747>

Post Processing Toolpaths - <https://my.solidworks.com/training/master/748>