

## **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>