

# CAM Capabilities in Fusion

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## Intro to 2.5 Axis Milling

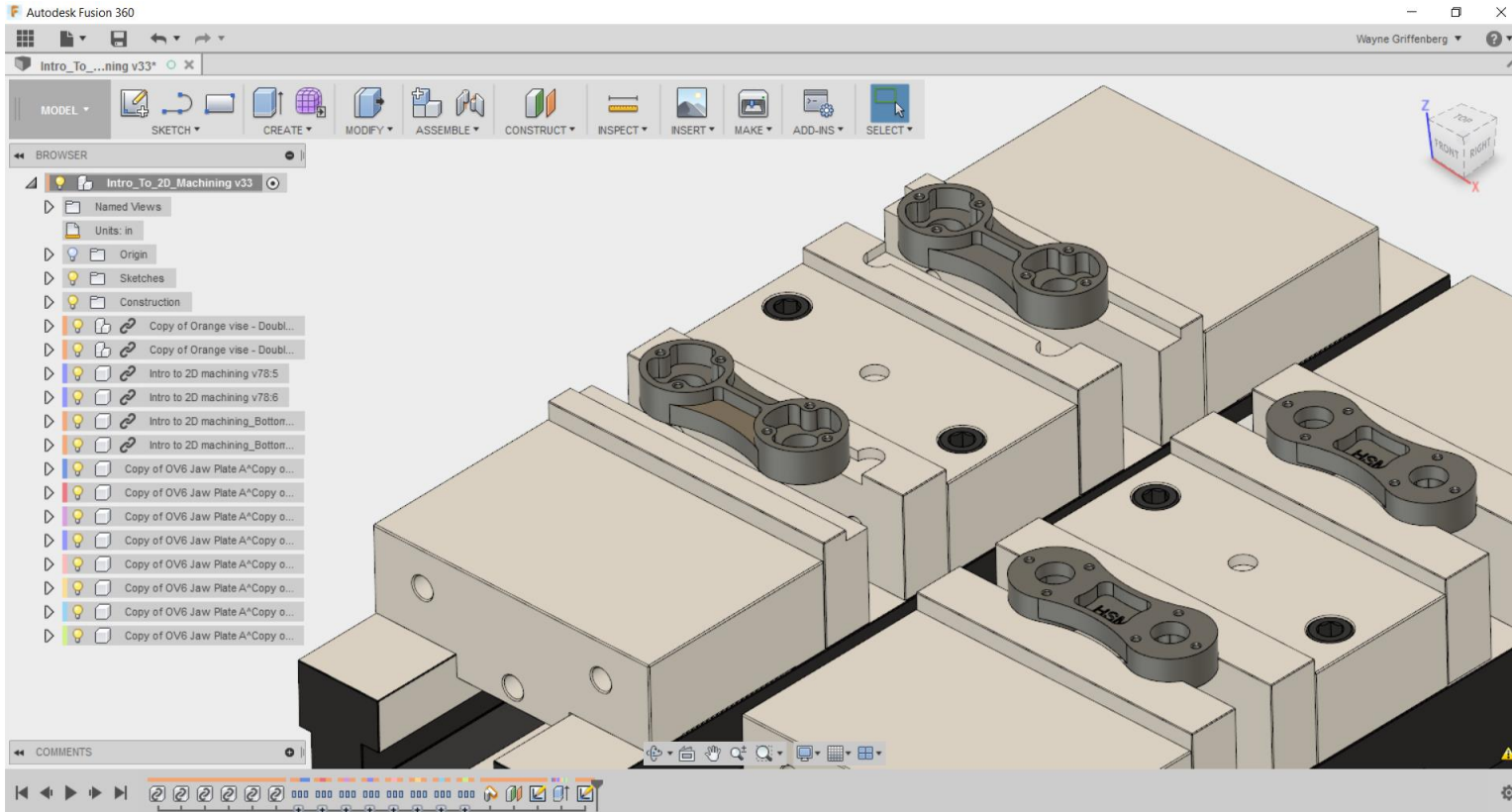
After completing this overview training, you will understand:

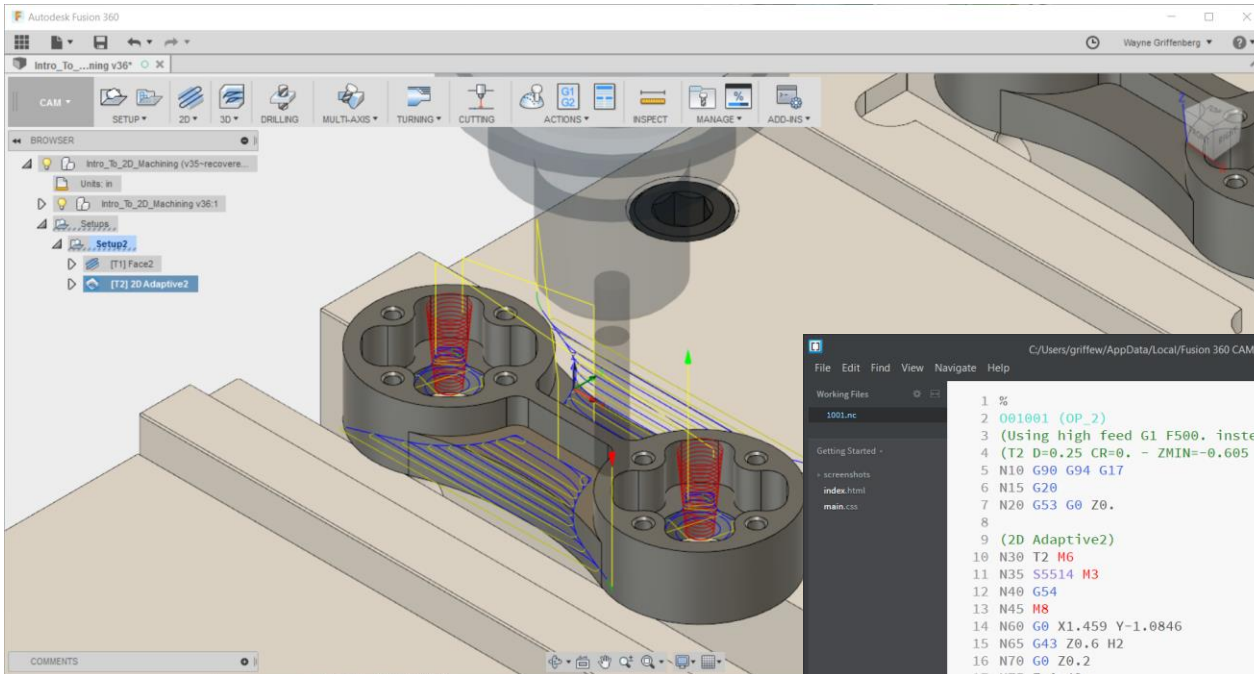
- **Integrated CAD & CAM Workspace**
- Setup – WCS Orientation and Position
- Overview of 2D & 3D Toolpaths – **Easy To Use**
- Intro to the Tool Library
- **Adaptive Clearing**
- Expressions and Defaults
- Compare and Edit
- Patterning Toolpaths
- Create Toolpath Templates
- Generating a Setup Sheet
- Post Processing NC Code Files
- Making Design Changes

## CAM Workflow

After completing this overview training, you will understand:

- Step 1 - Setup - Define stock and orientation for machining
- Step 2 - Toolpath Strategy - Generate toolpaths
- Step 3 - Simulate - Confirm toolpath results are as expected
- Step 4 - Edit Toolpath Parameters - Changing parameters
- Step 5 - Modify Solid Model - Change feature/pattern dimensions
- Step 6 - Generate a Setup Sheet - Tool List and Offsets
- Step 7 - Post Process the program - Generate NC machine code





```

C:/Users/griffew/AppData/Local/Fusion 360 CAM/nc/1001.nc (Getting Started) - Brackets
File Edit Find View Navigate Help
Working Files
1001.nc
Getting Started
screenshots
index.html
main.css

1 %
2 001001 (OP_2)
3 (Using high feed G1 F500. instead of G0.)
4 (T2 D=0.25 CR=0. - ZMIN=-0.605 - flat end mill)
5 N10 G90 G94 G17
6 N15 G20
7 N20 G53 G0 Z0.
8
9 (2D Adaptive2)
10 N30 T2 M6
11 N35 S5514 M3
12 N40 G54
13 N45 M8
14 N60 G0 X1.459 Y-1.0846
15 N65 G43 Z0.6 H2
16 N70 G0 Z0.2
17 N75 Z-0.43
18 N80 G1 Z-0.455 F21.361
19 N85 X1.4588 Y-1.0844 Z-0.4589
20 N90 X1.458 Y-1.0839 Z-0.4627
21 N95 X1.4569 Y-1.083 Z-0.4663
22 N100 X1.4552 Y-1.0817 Z-0.4697
23 N105 X1.4532 Y-1.0802 Z-0.4727
24 N110 X1.4508 Y-1.0784 Z-0.4752
25 N115 X1.4481 Y-1.0764 Z-0.4773
26 N120 X1.4452 Y-1.0742 Z-0.4788
27 N125 X1.4422 Y-1.0719 Z-0.4797
28 N130 X1.4391 Y-1.0696 Z-0.48
29 N135 G3 X1.321 Y-0.9991 I-0.384 J-0.5098
30 N140 G1 X1.187 Y-0.9433
31 N145 X1.1503 Y-0.9302
32 N150 X1.1315 Y-0.925
33 N155 V1 A025 V-A 0155
Line 1, Column 1 -- 363 Lines
MS B:Code Spaces 4

```