FUSION 360	
Learning how to set up a tool path in Fusion	
	360
VOCABULARY	NOTES:
• Fusion 360	
Tool Path	
Tool Orientation	
• Stock	
CNC Mill	
CNC Router	
• RPM	
FINISH YOUR PART IN INVENTOR	
• After finishing your part in inventor save the .ipt	
• Open Fusion 360	
• You will need to create an account using your STUDENT e-mail	
• If you do not create a STUDENT account your trial may end	
before you are done with the course.	
• On the left hand side click the Upload button	2D/3D TOOL PATHS:
$\circ$ Either Select Fies or drag and drop your int file into the uploader	Do not be afraid to try
$\circ$ Then hit upload	different options for your
$\circ$ Then close the unloader	project. The simulator
<ul> <li>You should now see your file on the left hand side</li> </ul>	will tell you if it will
• Tou should now see your file on the felt hand side	work correctly for you or
<ul> <li>Double click on the file you want to open</li> </ul>	not. There may be a
SETTING UP VOUD TOOL DATH	faster option that will
• In the tool her click the first button on the left (might say could be and	take less time or an
• In the tool bar check the first button on the left (hight say sculpt) and	option that will look
	better with your material.
• Change your units to Inches 🖬 onts. In	
• Click on New Set Up	
• In order to select the correct orientation for the part and tool you will need	
to change to Orientation Select Z axis/plane & X ax	
• Use the mouse to select the Z "edge" of your part (Height)	
• Then use the mouse to select the X "edge" of your part	
• You may need to "flip the x axis" or "flip the z axis"	
• Then select the "stock box point" so the machine has a place to	
• Click on the bottom left front corner of your "stock" for (Brake	
Part), choose the center point for the (Maze)	
• It should look something like this	
• Under the Stock Tab Stock	
• OPTION 1: Find Mode Fixed size box •	
• Change the width, depth and height to the size of your material	
$\circ$ Under the Height (Z) Model Position: Offset from bottom (-Z)	
• Offset: 0	
<ul> <li>You need to do this in order for your stock to cut to the</li> </ul>	
bottom of the material	<b>OPTION 2 Equation:</b>
Click OK	Material Height
• OPTION 2: Find Mode Relative size box	- Part Height
Stock Top Offset:	=

