

SAYRE AREA SCHOOL DISTRICT TECHNOLOGY TIPS

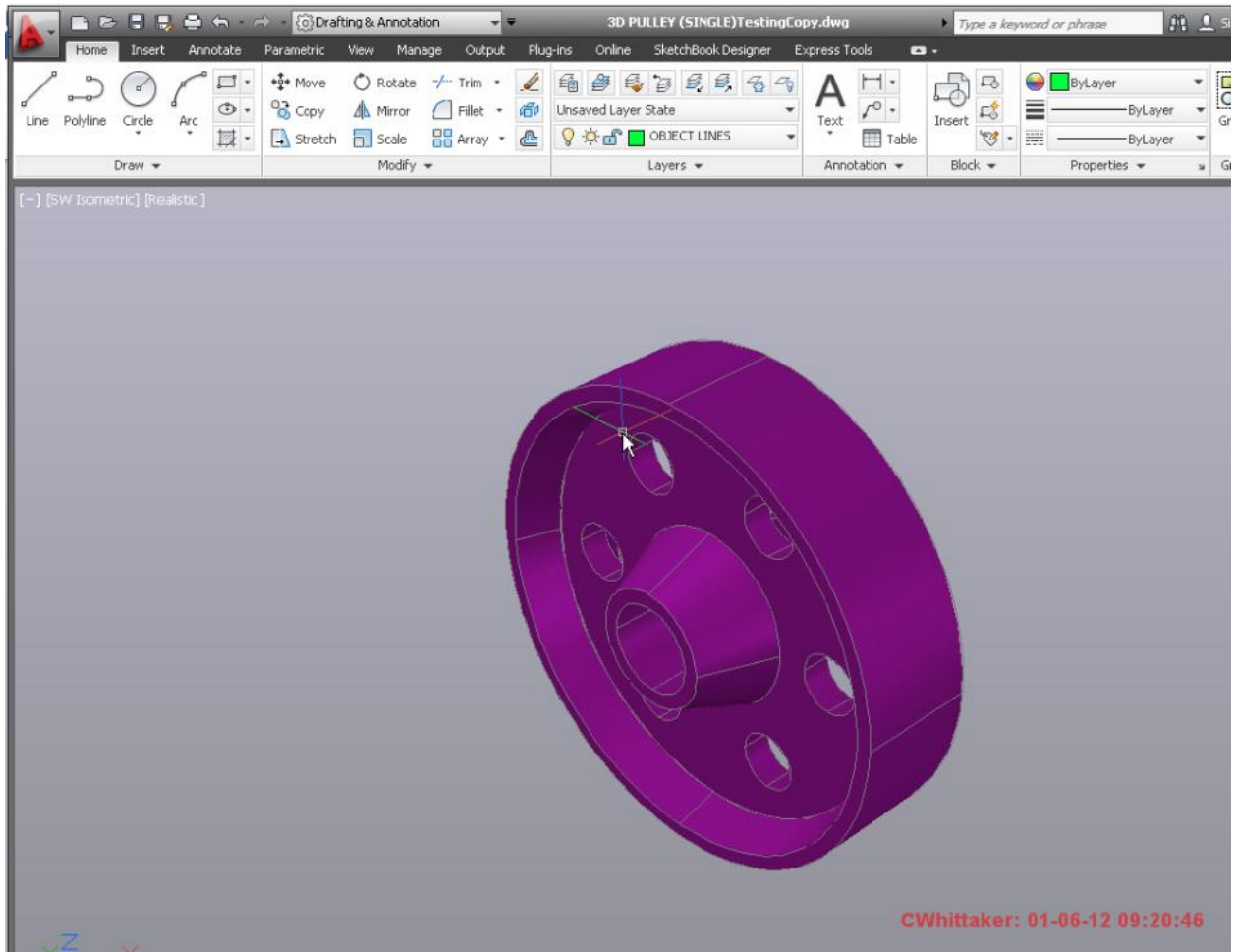
Exporting From AutoCAD to an STL File

Purpose

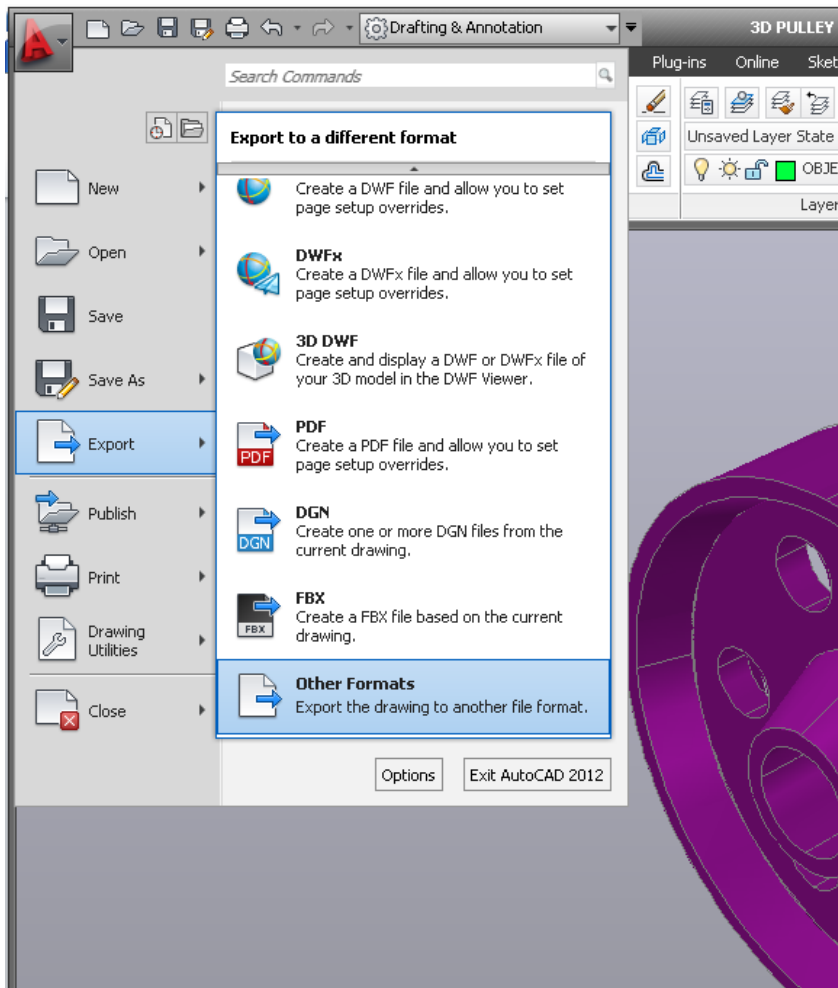
1. In this document we will go over how to take you AutoCAD creations (projects) and export them as an STL file so that they can then be converted to a BFB, which is inputted to the 3D Printer itself (Therefore eliminating some software and steps).

Procedure

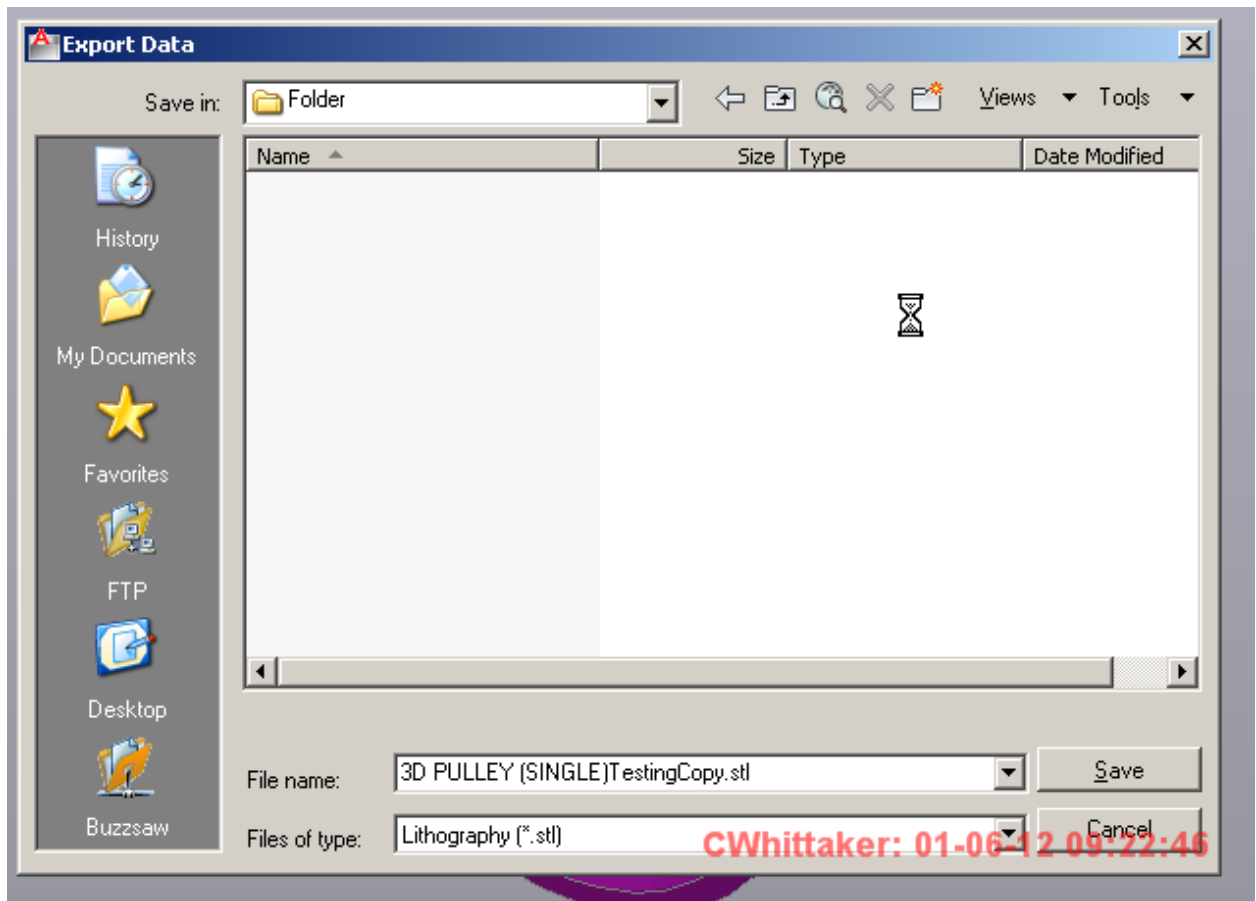
1. Once you have your 2-D or 3-D project open similar to below:



2. Next, we are going to use the 'file' function, select **Export**, and choose **Other Formats**:

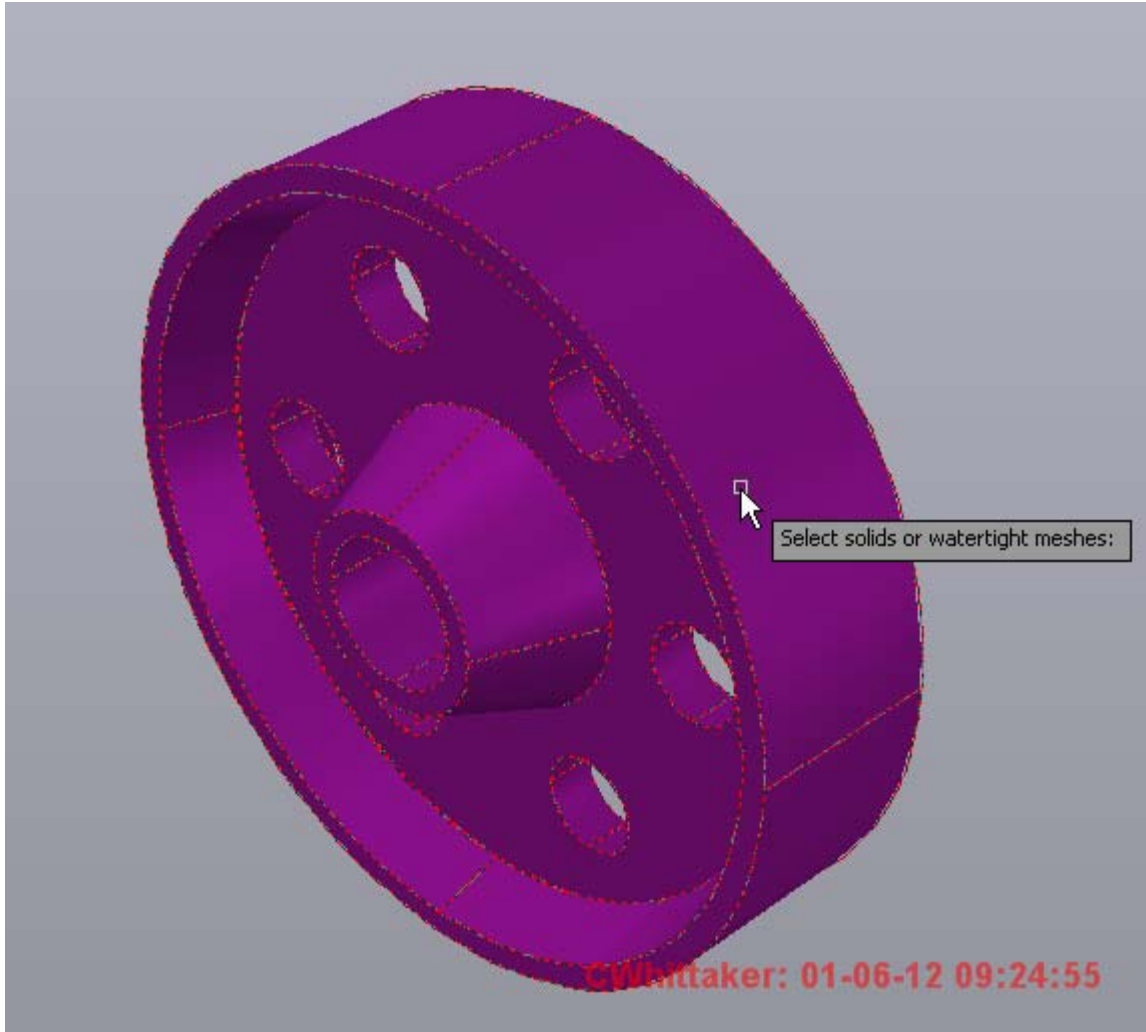


3. The save window will appear, make sure you know where you are saving your file to, check the name, and ensure that the file type has .stl (Lithography) selected as shown below:

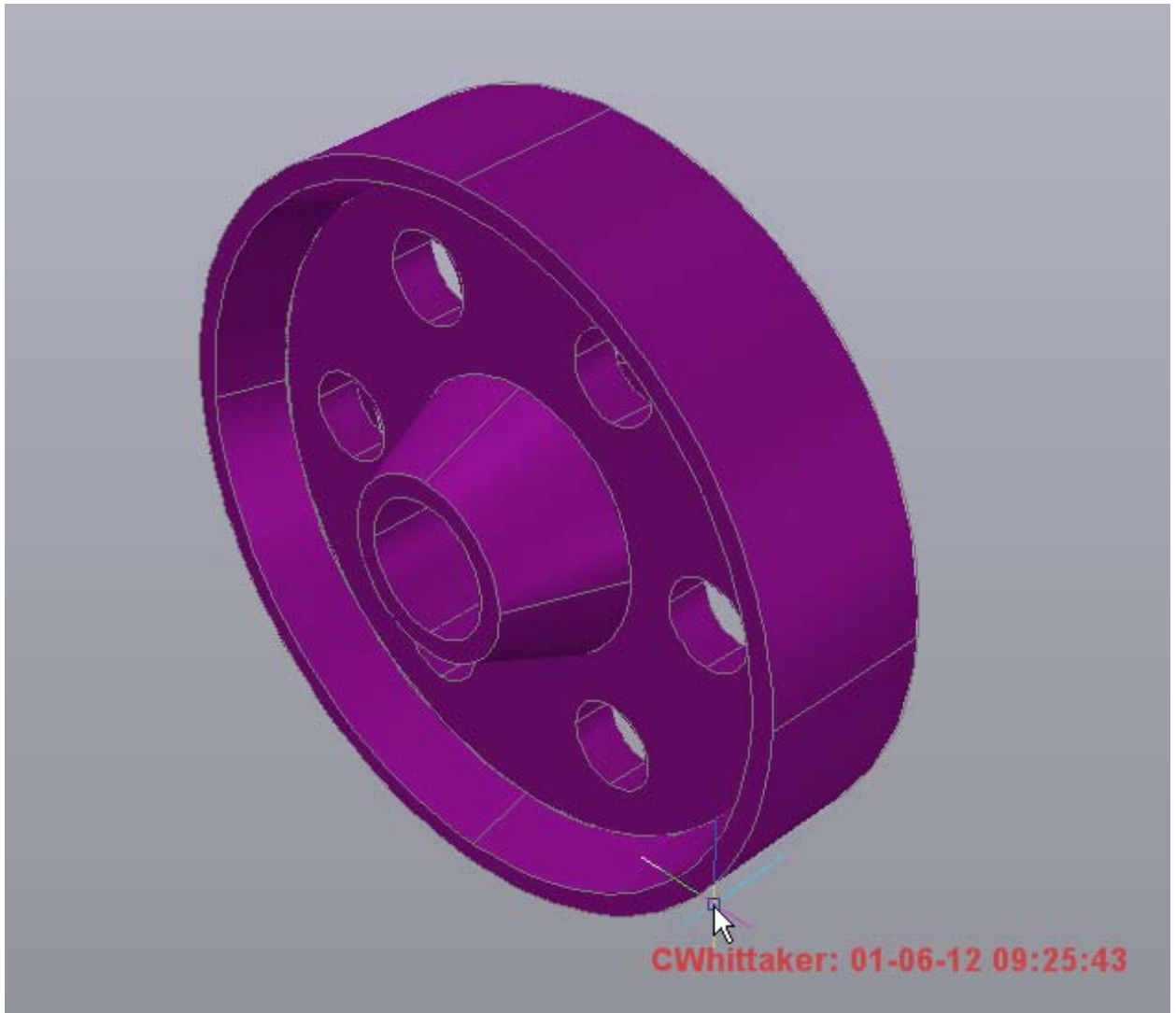


4. **Nothing has been exported at this point,**

You need to take your cursor and select the item that you wish to be exported into the STL File as seen below:



5. Now click enter, and the part/product should be exported to the .STL File:
(Notice the selection lines go away, and the file appears inside the folder were we wanted it to be saved.)



6. You are now ready to use your .STL file in the BFB Axon Program, please refer to the following document:
[\\Sasdit\it\Printers\Procedures\3D Printer \(Metal Shop\)\Importing the STL File and Exporting the BFB File Build File.docx](\\Sasdit\it\Printers\Procedures\3D Printer (Metal Shop)\Importing the STL File and Exporting the BFB File Build File.docx)
Or from our website:
<http://www.sayresd.org/Tech/TechTips/3D Printing/Compose Final File For Input in Building Machine Using Axon.pdf>