



Digital Design Graphics Technology
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How to create graphics from AutoCAD:

From AutoCAD 2D:

- (Not recommended.) You can “screen capture” your screen by typing “CTRL+Print Screen” to save to windows clipboard. Open Photoshop, create new document based off of “clipboard” and paste into document.
- (Best option of these three.) Windows Snipping Tool
- (Also an option but not as much control as Windows Snipping Tool.) PNGOUT = command in AutoCAD to save PNG

From AutoCAD 3D, use the following settings:

- Set FACETRES = 10
- Apply Materials through the palette “MATERIALS”
 - Left click and drag for one continuous material across the whole part or
 - Hold “CTRL” and left click and drag for specific faces
- Note: Background color does not matter if you are rendering out with an Alpha channel.
 - To change background:
 - Application Menu / Options / Display Tab / Colors Button / Change color in the top right of dialog box.
- Go to “RENDEREXPOSURE”
 - Set “Environment” to ON and play with the settings as you see fit
- Go to “RENDERPRESETS”
 - Render Size = 1920 x 1080
 - Preset Low is about 1 second renders
 - Preset Medium is about 5 second renders
 - Preset High is about 3:40 seconds a render
 - My suggestion is to start with Medium (about a 1min render)
 - Set “Render By Level” to 6
 - Set “Render Accuracy” to “High”
 - Save out as a PNG:
 - 32 Bits (24 Bits + Alpha)
 - DPI = 150
 - NOTE:
 - If Environment is ON, it will render and save with a background.

If Environment is OFF, it will render and save with a transparency and you can add your own background in Photoshop.