

## CUBE PRO: PRE-APPOINTMENT CHECKLIST

Making sure you have everything you need before you go into an appointment can be confusing, but it is an essential step for you to take the success of your project into your own hands. These worksheets are here to help you be as prepared as you can be to have a great experience, and are meant as a conversation starter between you and shop staff about your aspirations before making an appointment. **Completed worksheets are due at the time of appointment: students without completed worksheets at the time of appointments are subject to appointment cancellation.**

### APPOINTMENT INFORMATION

Name: \_\_\_\_\_ Date of Appointment: \_\_\_\_\_  
Class Title: \_\_\_\_\_ Name of Faculty: \_\_\_\_\_  
Area/Process reserved: \_\_\_\_\_  
Time period reserved: \_\_\_\_\_

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### PRE-APPOINTMENT CHECKLIST

Before your appointment, please verify the following:


I am enrolled in, or have taken, a Digital Fabrication class  
Discussed questions with faculty regarding process and technique  
Made an appointment on 3dshop-appointments.mcad.edu 24 hours in advance  
**I have exported a valid, watertight .stl file from my 3D modeling platform**  
I have converted my .stl file to .cubepro format on the Cube Pro software  
**\*\*Online: <https://cubify.com/cubepro/activate>**  
I have oriented my file in a way that will result in a more successful print  
**\*\*Consider the following:**

- Lying your print on its side for tall prints
- Splitting a larger print in half
- Adding supports and sidewalks for spindly and fragile prints


I have bought my appropriate Cube Pro PLA cartridge  
I have oriented my file roughly center of the print plate.  
I have transferred my .cubepro file to a flashdrive

***A gentle reminder that any 3D modeling processes occurring on Form Z or any other external platforms are the responsibility of the student in conjunction with curriculum before printing. A file is considered ready for printing when exported into valid, .cube3 file types.***

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## TECHNICAL CHECKLIST: TO BE COMPLETED AT TIME OF APPOINTMENT

Think you're ready to print? Please check off tasks below to set up your material!


Plug in flash drive on left of your Cube Duo or Trio.  
Ensure print plate is clean, dry, free of debris and present  
Wake up machine by pressing button and follow touch screen prompts for swapping out cartridges.

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Once your cartridge is installed, pull up your print from "Print" drop down in touch screen prompts.

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Use glue bottle to apply THREE thin layers of glue on print plate - allow to dry *outside* the printer.

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Find an on-duty shop technician to verify your settings and begin printing.

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*For Shop Technicians Use Only:*

<b>Length of Print:</b>	<b>Type of Material:</b>
<b>Number of Restarts:</b>	<b>Technician Signature:</b>
<b>Size of Print:</b>	