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Display and Screen Resolutions in Classrooms and Conference Rooms

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Use this article to help you design materials for the classroom and conference room screens and displays.

Before you start:

Know Key Tech Terms: [Resolution](#) and [Aspect Ratio](#)

Learn about Classroom Options: [Classroom Overview](#)

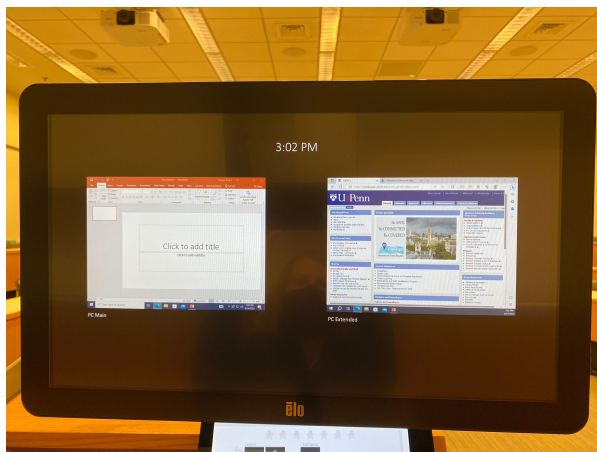
Classroom Buildings

Here are the resolutions and aspect ratios of the classroom and conference room displays. By using these, you can design presentations that will fill the displays without blank space.

Number of Displays: # projectors in the classroom.



Number of Desktops: # separate screens visible at one time on the Resident PC.



Advanced Research Building

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
G002	1920x1080	16:9	1	1
101	1920x1080	16:9	3	1
140	1920x1080	16:9	3	1
201	1920x1080	16:9	1	1
202	1920x1080	16:9	1	1
240	1920x1080	16:9	3	1
241	1280x960	4:3	2	2

Huntsman Hall

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
F36	1600x1200	4:3	1	2
F37	1280x960	4:3	3	2
F38	1600x1200	4:3	1	2
F45	1600x1200	4:3	3	2
F50	1600x1200	4:3	3	2
F55	1600x1200	4:3	3	2
F60	1600x1200	4:3	3	2
F65	1600x1200	4:3	3	2

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
F70	1600x1200	4:3	3	2
F75	1600x1200	4:3	1	1
F80	1600x1200	4:3	1	1
F85	1600X1200	4:3	3	2
F86	1600X1200	4:3	1	2
F88	1600X1200	4:3	1	2
F90	1600X1200	4:3	2 (plus telepresence)	2
F92	1600X1200	4:3	1	2
F94	1600X1200	4:3	1	2
F95	1600X1200	4:3	3	2
F96	1600X1200	4:3	1	2
G06	1280x960	4:3	1 or 2 Small screen is 10'x13'4" Large screen is 10'x26'8"	2
G50	1600X1200	4:3	3	2
G55	1600X1200	4:3	3	2
G60	1600X1200	4:3	3	2
G65	1600X1200	4:3	3	2
G86	1600X1200	4:3	1	2

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
G88	1600X1200	4:3	1	2
G90	1600X1200	4:3	1	2
G92	1600X1200	4:3	1	2
G94	1600X1200	4:3	1	2
240	1600X1200	4:3	3	2
245	1600X1200	4:3	3	2
250	1600X1200	4:3	3	2
255	1600X1200	4:3	3	2
260	1600X1200	4:3	3	2
265	1600X1200	4:3	3	2
270	1600X1200	4:3	3	2
304	1600X1200	4:3	1	1
340	1600X1200	4:3	3	2
345	1600X1200	4:3	3	2
350	1600X1200	4:3	3	2
355	1600X1200	4:3	3	2
360	1600X1200	4:3	3	2
365	1600X1200	4:3	3	2
370	1600X1200	4:3	3	2

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
375	1600X1200	16:9	1	1
380	1600X1200	16:9	1	1
418	1024x768	4:3	1	1
419	1024x768	4:3	1	1
815	1920x1080	16:9	2	1
825	1920x1080	16:9	1 video wall with single/dual mode	2
830	1920x1080	16:9	1 video wall with single/dual mode (plus 2 additional on stands, on demand)	2

Steinberg Hall-Dietrich Hall

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
105	1280x720	16:9	2 (plus confidence monitor)	2
107	1280x960	4:3	2	2
109	1280x960	4:3	2	2

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
110	1920x1080	16:9	2 (plus confidence monitor)	2
116	1280x960	4:3	2 (plus confidence monitor)	2
204A	1920x1080	16:9	1	1
204B	1920x1080	16:9	1	1
205	1920x1080	16:9	1 (touch screen)	1
206	1920x1080	16:9	1 (touch screen)	2
209	1280x960	4:3	2	2
210	1920x1080	16:9	1	1
211	1280x960	4:3	2	2
213	1280x960	4:3	2	2
215	1280x960	4:3	2	2
217	1920x1080	16:9	1	1
350	1600X1200	16:9	1 or 2 (plus annotation)	2
351	1600X1200	16:9	1 or 2 (plus annotation)	2
1020	1920x1080	16:9	2	2
1201	1600X1200	4:3	2	2

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
1203	1600X1200	4:3	2	2
1206	1600X1200	4:3	3	2
3411	1920x1080	16:9	3	2

Lauder Institute

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
101	1920x1080	16:9	1	1
102	1920x1080	16:9	1	1
103	1920x1080	16:9	1	1
104	1920x1080	16:9	1	1
105	1280x960	4:3	3	2
303	1920x1080	16:9	3	1
318	1920x1080	16:9	1	1

Dinan Hall

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
103	1280x800	16:9	2	1

Room	Resolution	Aspect Ratio	Number of Displays	Number of Desktops (Resident PC only)
105	1280x800	16:9	2	1
B2	1280x720	16:9	1	2
B6	1280x720	16:9	2	2
B10	1600X1200	16:9	2	2
B11	1600X1200	16:9	1 or 2	2
112 (SAIL)	1920x1080	16:9	3	1

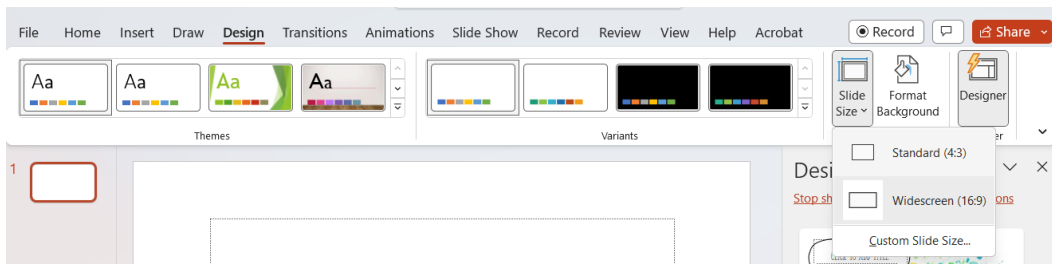
Colonial Penn Center

Room	Resolution	Aspect Ratio	Number of Displays	Number of Displays (Resident PC only)
103 (aud)	1280x960	4:3	1	2
Chestnut	1920x1080	16:9	1	1
Faculty	1024x768	4:3	1	1

Additional Slide Design Information

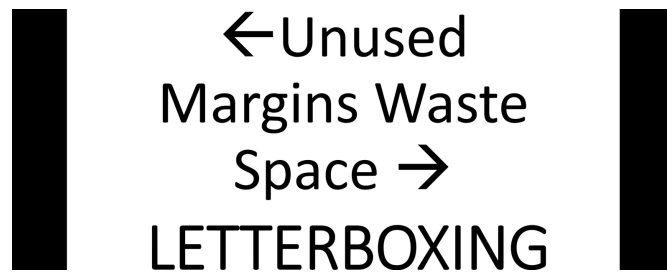
Some of these options can help with the design of your slides for classes and presentations:

- See this description of [Wharton classrooms](#) for the different teaching options.
- Connect your computer to the classroom computer using an HDMI cable, or the [Solstice wireless connection](#).
- For templates that are pre-configured for the screens in the classrooms, see [Wharton's Marketing and Communications standards section](#).
- To make your own PowerPoints, from the PowerPoint menu, select **Design** and then slide size:



LETTERBOXING: Why is Aspect Ratio important?

If your PowerPoint is a different aspect ratio than the classroom you'll have margins on either the top or sides of your presentations that are wasted space.



Questions?

Classroom Technology: 215-573-0402 | class-tech@wharton.upenn.edu

Wharton Computing Representative: <https://support.wharton.upenn.edu/help/computing-contact-list>
