PC Laptops

- Connect VGA/DVI (DVI where available) cord into BLUE 15-pin or the WHITE DVI receptacle on back of the Laptop (Careful not to bend prongs) or the WHITE DVI prior to turning on laptop
- On the touch panel make sure that you have selected Laptop (in rooms with VGA/DVI you will have to select the one you will be using)
- PC Laptops have 3 Image modes, which may be toggled through by holding down the **Fn Key and pressing one of the F keys.** It usually will say “LCD/CRT” or have a picture of a monitor.
  - Image mode 1 is on the laptop by itself
  - Image mode 2 will go out the VGA/DVI cord to the external display device ONLY
  - Image mode 3 will display on the Laptop as well as the Projector
- Toggle between the modes above to check that the laptop is set to the proper image mode to display on both the laptop and out to the projector.
- Sometimes resolution or other factors in display “Properties” may be a factor with the external display.
  - In the SETTINGS check what resolution the laptop is set 1024x768 (on Image 1)
  - Refresh rate is 60Mhz (On Image 1)
  - Some advance settings may need adjustment (refer to manual)
- For Windows Vista and Windows 7 you right click on the desktop, select Screen Resolution, leave the first and third boxes as they are, in the second box make sure it says 1024x768, and in the fourth box it should say Extend these displays.
- *In some cases, the video card may need to be activated to allow “cloning” of the image; Catalyst is one of several video drivers that can be launched, following the steps to get multiple displays to project*

APPLE Laptops

- Connect VGA/DVI cord into laptop with same care as above. Most Apple laptops have an adaptor (dongle) for the VGA/DVI cord
- On the touch panel make sure that you have selected Laptop (in rooms with VGA/DVI you will have to select the one you will be using)
  - It is recommended the laptop be connected to the external display device with the VGA/DVI cable PRIOR to powering on the laptop
- Go to the upper left corner and click on the Blue Apple (Mirroring must be activated)
- Select SYSTEM PREFERENCES
- Select DISPLAYS
- Select DETECT DISPLAYS
- Select ARRANGE
- Check the box labeled MIRROR image
- Adjust Resolution for both “MIRRORED Image” and laptop (NOTE; the mirrored image must be 1024x768 with a refresh rate of 75Mhz, the laptop resolution can be set to the users preference)