



The Art Institute of York PennsylvaniaSM

Laptop Guidelines and Specifications for

Animation

for students starting

July 2009

(Summer Term)

The Art Institute of York – Pennsylvania Laptop Guidelines for Animation

Timeline

All Animation applicants who will be new incoming students are **required to have a laptop and software by the first day of class.**

Before purchasing a computer or software, check The Art Institute of York – Pennsylvania’s Technology Web site (<http://tech.aiy.aii.edu/requirements.asp>), or with the Information Technology Department to verify that you have the most current recommendations and specifications. Due to the constantly changing state of the computer industry, The Art Institute of York – Pennsylvania reserves the right to update and/or change these specifications at any time.

Prices of items or products listed in this document are accurate at the date of publication, (located at the bottom of each page). Prices are set by manufacturers, and are subject to change at any time without prior notification.

Technology Answer Sessions

We have scheduled a series of ‘Technology Answer Sessions’ for students and parents. These ‘Technology Answer Sessions’ are intended to provide information and answer questions regarding the laptop program and technology requirements for The Art Institute of York – Pennsylvania.

The schedule of Technology Answer Session dates and times for the Summer 2009 start is:

- Friday, June 5 @ Jump Start
- Wednesday, June 10 @ 7:00pm
- Tuesday, June 16 @ 7:00pm
- Thursday, June 18 @ 7:00pm

Hardware

Laptop computers for the Animation program must meet the following specifications to ensure support and compatibility with The Art Institute of York – Pennsylvania’s network:

- An enterprise grade laptop computer, such as the HP EliteBook 8530p series laptop computer.
- Microsoft Windows XP Professional operating system (*strongly recommended*).
or
Microsoft Windows Vista Business operating system
or
Microsoft Windows Vista Ultimate operating system.
- A minimum of 2 Gigabytes of RAM.
- At least a 120 Gigabyte hard drive.
- Contain an integrated 10/100 Ethernet port.
- Contain an integrated 802.11g wireless network card.
- An external mouse. (Available from a variety of sources, including a limited selection from the The Art Institute of York – Pennsylvania’s Bookstore.)
- A suitable protective carrying case.

Important Windows Vista information: Currently Windows Vista is not fully supported. Many compatibility issues have been resolved, however, some Vista features must be disabled for compatibility reasons. Testing and certification of the Windows Vista operating system is in progress. Windows Vista Business Edition, or Windows Vista Ultimate Edition will be the only versions of Vista which will be supported. Additional information will be published as testing and certification are completed.

Consumer vs. Enterprise (Corporate) Grade Laptop Computers

Because The Art Institute of York – Pennsylvania requires students to have a laptop computer, we also provide access to network resources that students need to be successful. In order to provide access to the required resources, students will be using their laptop computers in a corporate (or enterprise) network environment.

An enterprise network environment can be defined as:

“A centrally administered network of computers and devices, supporting a variety of computer operating systems, interconnected using a variety of network protocols, to provide services such as centrally managed user accounts, network resources (such as network storage and printers), and security.”

Below is a chart that shows common differences between consumer and enterprise (corporate) grade computer systems.

Component or Subsystem	Consumer Grade Laptop	Enterprise (Corporate) Grade Laptop
Availability	Retail channel – such as Best Buy, Circuit City, etc.	Manufacturer’s web site (under the ‘Business’ or ‘Corporate’ area), or through authorized corporate resellers
Operating System pre-installed	Microsoft Windows Vista Home Basic, Vista Home Premium, Vista Ultimate	Microsoft Windows XP Professional, Windows Vista Business
Operating System features	Designed for home environment with up to 5 computers with no centralized management.	Designed for a corporate environment with support for centralized account management and access to shared resources.
Construction	Inexpensive frame and hinges designed for light to moderate mobility.	Rugged, reinforced (often titanium) frame and hinges designed for continuous mobility.
Cooling	Fans and heat sinks typically designed for 2-4 hours of continuous use.	Fans and heat sinks designed for 10-12 hours of continuous use.
Power supply	Lower wattage power supply designed for 2-4 hours of continuous use.	Higher wattage power supply designed for 10-12 hours of continuous use.
Wireless card	Often will not communicate with wireless network until after login to Windows, due to connection type being USB (less expensive technology).	Communicates with wireless network prior to Windows login, allowing authentication to centralized server. Connection type is typically Mini PCI (more expensive technology).

Please note that the information in the above chart is generally applicable to the type of computer laptops discussed.

The enterprise grade configuration listed below is available from Tony Kiley at Saytek. (See 'Purchasing Information' section later in this document.)

HP EliteBook 8530p — \$1755 (approximate)

- Intel® Core™ 2 Duo processor @ 2.53GHz
- 15.4-inch Active Matrix WSXGA+ TFT Display (1680x1050 resolution)
- Chassis with ATI Mobility™ Radeon® X3650 256MB (512MB HyperMemory) Graphics card
- 2GB RAM (2 – 1GB module)
- 250GB hard drive
- DVD±RW/CD-RW Dual Layer optical drive
- Integrated Mini-PCI 802.11 a/b/g/draft-n Wireless Networking Card
- 10/100/1000 (Gigabit) Ethernet port
- 56K internal modem
- External Ports: 4 USB 2.0, IEEE-1394a (Firewire) Port, VGA, Headphones, Microphone, HDMI, eSATA
- 150 Watt AC power adapter
- Battery
- Windows Vista Business
- Second 150 Watt AC power adapter
- TARGUS Top Loading Carry Case
- Optical 2-button (w/scroll wheel) wired mouse

Hardware Support

The Art Institute of York – Pennsylvania will provide support for the HP Business laptops within the following guidelines:

- The Art Institute of York – Pennsylvania will provide hardware warranty support on the HP Business laptop computers.
- Peripherals connected to the laptops will not be supported, beyond the determination that the computer itself is not the problem. For example, if you have a non-functional external device (scanner, Zip drive, printer, etc.), we will help to determine whether the device is the problem, or if it's a non-functional port in the computer.
- The Art Institute of York – Pennsylvania will provide a power connection and network connection for the laptop in wired labs; a wireless connection to the network in other labs. If a student is using more than one power outlet in a wired lab for peripheral devices, they will be required to disconnect the peripheral devices in order to allow other students to connect to power.
- The Art Institute of York – Pennsylvania will not specifically (by brand or type) recommend peripherals such as scanners, printers, CD burners, and so forth. We may be able to provide guidance on general topics, but specific recommendations will not be provided.
- Non-warranty work will be performed on machines at the discretion of The Art Institute of York – Pennsylvania, and subject to the approval of HP. This will be billable to the student's account, and payment must be received before grades can be released.

Software

A 'Software Authorization Card' will be distributed at Orientation, which will allow you to complete your software purchase. The Art Institute of York – Pennsylvania is acting as an agent for the student in facilitating the purchase of software from Journey Education Marketing.

Precise instructions on how to complete the software purchase will be distributed in the Orientation package. The following software is required for the Animation curriculum:

Creative Cast: Animation Win — \$639.98

This special software bundle includes the following:

- Microsoft Office Pro Plus 2007 — Access 2007, Communicator 2007, Excel 2007, InfoPath 2007, Outlook 2007, PowerPoint 2007, Publisher 2007, Word 2007
- Adobe Creative Suite 4.0 Design Premium — Photoshop® CS4 Extended, Illustrator® CS4, InDesign® CS4, Acrobat® Pro 9, Flash® Pro CS4, Dreamweaver® CS4
- Corel Painter
- Autodesk 3d Studio Max (1 Year license)
- Symantec AV 2007
- Extensis Portfolio
- Adobe Type Classics 1.0 for Learning Mac/Win

Symantec AntiVirus Corporate Edition

This software will be provided by The Art Institute of York – Pennsylvania

Each student is required to purchase his or her own copy of each software package. This is required for two reasons:

- It is illegal to 'share' licensed software.
- Virtually all software is serial number encoded. Two (or more) copies of the same serial number, when running on a network, will prevent additional copies from running when one copy is already registered or activated.

While the student is at The Art Institute of York – Pennsylvania, they will need to be connected to the network in order to access resources such as servers, printers, Internet access, and other devices.

The Art Institute of York – Pennsylvania will not provide software support for students who are illegally 'sharing' software and encountering problems.

Software Piracy

Any student who is discovered to have The Art Institute of York – Pennsylvania licensed software on their computer will be subject to the following disciplinary action:

1. A written warning will be placed in the student's permanent file, and a copy of the warning will be given to the student.
2. The Information Technology department at The Art Institute of York – Pennsylvania will immediately remove the software from the computer.
3. A second occurrence of discovery of The Art Institute of York – Pennsylvania licensed software on their computer will result in dismissal, and at the discretion of The Art Institute of York – Pennsylvania, legal action.

Peer to peer file sharing software that facilitates sharing of copyrighted material such as BitTorrent, Limewire, BearShare (and other software of this type) is prohibited.

Registering Your Hardware and Software

Upon receipt of your computer and software, register it with the respective manufacturer! The Art Institute of York – Pennsylvania has no recourse with the manufacturer if your unit is showing ‘Out of Warranty’ due to its manufacturing date, as opposed to its purchase date. Additionally, if you lose or misplace a software serial number the manufacturer will be able to help you *only if it is registered*.

Keep all your software CDs, serial numbers, and passwords together in a single location!

Insurance Coverage

Students should check their parents’ homeowners policy, or their renters’ insurance to determine coverage and deductibles. It is **strongly** recommended to cover the computer and software by adding a rider to an existing policy (if necessary). Most accidental or physical damage will not be covered by the standard manufacturer’s warranty.

Conclusion

You are not required to purchase from any of the vendors listed in this document, as long as the system meets The Art Institute of York – Pennsylvania minimum specifications.

Software Requirements for: Animation

First Term	<ul style="list-style-type: none"> • Microsoft Office Professional† • Adobe Creative Suite Premium† • Adobe Type Classics for Learning ‡ Symantec AntiVirus Corporate Edition
Second Term	<ul style="list-style-type: none"> Microsoft Office Professional† Adobe Creative Suite 2 Premium† Adobe Type Classics for Learning ‡ Symantec AntiVirus Corporate Edition
Third Term	<ul style="list-style-type: none"> Microsoft Office Professional† Adobe Creative Suite Premium† Adobe Type Classics for Learning ‡ Symantec AntiVirus Corporate Edition • Autodesk 3ds Max† • Bus-powered USB 2.0 or Firewire (IEEE-1394) drive (hardware)
Fourth Term	<ul style="list-style-type: none"> Microsoft Office Professional† Adobe Creative Suite Premium† Adobe Type Classics for Learning ‡ Symantec AntiVirus Corporate Edition Autodesk 3ds Max† Bus-powered USB 2.0 or Firewire (IEEE-1394) drive (hardware)
Fifth Term	<ul style="list-style-type: none"> Microsoft Office Professional† Adobe Creative Suite Premium† Adobe Type Classics for Learning ‡ Symantec AntiVirus Corporate Edition Autodesk 3ds Max† Bus-powered USB 2.0 or Firewire (IEEE-1394) drive (hardware)
Sixth Term	<ul style="list-style-type: none"> Microsoft Office Professional† Adobe Creative Suite Premium† Adobe Type Classics for Learning ‡ Symantec AntiVirus Corporate Edition Autodesk 3ds Max† Bus-powered USB 2.0 or Firewire (IEEE-1394) drive (hardware)

† Indicates software included in the Creative Cast bundle purchased from AiStudentStore.com.

• **Indicates software which is NEW for the term.** Unless you already have the software as a part of a bundle, it will need to be purchased prior to the start of the term.

‡ Indicates software which will be provided by The Art Institute of York – Pennsylvania Information Technology Department.

All software requirements are subject to change. Always buy the most current version.