Criterion^{SM} System Requirements

Technical Information & Specifications for the Computer Technology Specialist

The *Criterion*^{SM} **Online Writing Evaluation** v8.1 service is a web-based instructional tool that helps students plan, write and revise essays, and provides instant scoring and annotated diagnostic feedback.

WHENEVER YOU ACCESS the *Criterion* service, the following configuration requirements must be met:

Browser Settings:
Browsers should be set to "accept all cookies" and security settings should be set no higher than medium.

Internet Port Settings:
If you are accessing the *Criterion* service from behind a firewall or other network security device, let the protocols http and https go outbound.

Firewall Timeout Settings:
Make sure that none of the security devices is set to automatically disconnect a user's session prematurely. It is recommended not to set any disconnect settings for less than **60 minutes**.

Filtering Software:
The use of web filters to scan content from the *Criterion* service is not recommended. Filtering *Criterion* files may reduce the performance of the *Criterion* service. If your network uses content filtering, we recommend that it be configured to trust all content from our domain. ETS takes great precautions that all delivered content is free of viruses and inappropriate material.

Filter Settings:
If using content filtering, then the following URLs must be permitted through the filters:

http://criterion.ets.org	http://criterion4.ets.org
http://criterion1.ets.org	http://criterion28.ets.org
http://criterion2.ets.org	

Available Bandwidth:
The *Criterion* service is a web-based application and the application performance could be affected by improperly configured network settings or using hubs instead of network switches. Additionally, the number of simultaneous users as well as overhead produced by other applications could affect the *Criterion* service performance. In short, it is recommended that the network bandwidth utilization levels should be maintained below 70 percent.

Proxy Server Settings:
If your network utilizes a proxy server, then ensure that *Criterion* web page data coming in from the following *Criterion* URLs are not cached:

http://criterion.ets.org	http://criterion4.ets.org
http://criterion1.ets.org	http://criterion28.ets.org
http://criterion2.ets.org	

Contact **Criterion Technical Support** (877-909-6442 or criterionsupport@ets.org) for any questions or assistance.

Criterion^{SM} Online Writing Evaluation — System Requirements

Network Specifications

The following is the recommended minimum network guideline for your local network infrastructure. The *Criterion* service is an online interactive application; overall performance could be affected during periods of high network traffic.

Network Attribute	Minimum	Recommended
LAN Connectivity	10MB	100MB
Building/Facility Bandwidth	256KB	T-1 (1.54MB) or greater
Desktop Bandwidth	56K	Broadband Connection: Cable, DSL
Routers and Switches	Network Hubs	Cisco® 2600 and 2900 Series Routers/Hubs (or equivalent)
Wiring and Cables	CAT-5	Fiber Backbone to Switches

Personal Computer Specifications

The *Criterion* v8.1 website will operate on the following personal computers, provided that they meet the standards below.

Specifications for Student, Instructor and Administrator machines (PC)

Hardware/OS/Browser	Minimum	Recommended
Desktop PC or Laptop	Pentium® II	Pentium® III or greater
Input Device	Keyboard Mouse	Keyboard Mouse
Operating System	Windows® 2000, XP, Vista®	Windows 2000, XP, Vista
Browser: Enable Java Scripting and Cookies	Internet Explorer® 6.0-7.0; Firefox® 2.0.0	Internet Explorer 6.0-7.0; Firefox 2.0.0
Graphics Adapter	ssVGA 1024x768 Resolution	ssVGA 1024x768 Resolution
Display	any SVGA Color Monitor	any 17˝ SVGA Color Monitor or greater

Linux Specifications

The Criterion v8.1 website will operate on the following Linux computers provided that they meet the standards below.

Specifications for Student, Instructor and Administrator machines (Linux)

Hardware/OS/Browser	Minimum	Recommended
Desktop PC or Laptop	Pentium III	Pentium III or greater
Input Device	Keyboard Mouse	Keyboard Mouse
Operating System	Novell Linux Desktop 9; Linspire 5.0	Novell Linux Desktop 9; Linspire 5.0
Browser: Enable Cookies	Firefox 2.0.0; Sea Monkey® 1.1.1	Firefox 2.0.0; Sea Monkey 1.1.1
Graphics Adapter	ssVGA 1024x768 Resolution	ssVGA 1024x768 Resolution
Display	any SVGA Color Monitor	any 17˝ SVGA Color Monitor or greater

Macintosh Specifications

The *Criterion* v8.1 website will operate on Power Macintosh and G3/G4 systems, provided that they meet the recommended minimum standards below.

Specifications for Student, Instructor and Administrator machines (Macintosh)

Hardware/OS/Browser	Minimum	Recommended
Macintosh	PowerMac® G3	PowerMac G4 or G5
Input Device	Keyboard Mouse	Keyboard Mouse
Operating System	Mac OS® 9.2, OS X 10.1-10.5	OS X 10.2 or higher
Browser: Enable Cookies	Firefox 2.0.0 & Safari™ 1.2.4-3.0.4 (compatible only with Mac OS X, not OS 9)	Firefox 2.0.0 & Safari 3.0.4 (compatible only with Mac OS X, not OS 9)
Graphics Adapter	Graphics 1024x768	Graphics 1024x768
Display	Macintosh® Monitor	17˝ Macintosh Monitor

Please provide this page to the district's computer technology specialist.