

# Criterion<sup>®</sup> System Requirements (updated 4/30/14)

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## Technical Information & Specifications for the Computer Technology Specialist

The *Criterion*<sup>®</sup> Online Writing Evaluation v13.1 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>

<https://criterion.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>

<https://criterion.ets.org>

Contact **Criterion Technical Support** for any questions or assistance.

U.S. K-12 users: [877-909-6442](tel:877-909-6442)

U.S. Higher Education users: [866-717-1915](tel:866-717-1915)

Global users: Email [criterionsupport@ets.org](mailto:criterionsupport@ets.org)

Email: [criterionsupport@ets.org](mailto:criterionsupport@ets.org)

### **Network Specifications**

Below 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	10MBps	100MBps
Building/Facility Bandwidth	10Mbps	20Mbps
Desktop Bandwidth	Wireless connection 802.11b	LAN 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

Note: One Mbps or megabit per second equals 1000 Kbps or one million bps, one MBps equals one megabyte per second or 1000KBps, and eight Mbps equals one MBps.

### **Windows® Client PC Specifications**

The *Criterion* v13.1 website will operate on the following personal computers, provided that they meet the standards below.

Hardware/OS/Browser	Minimum	Recommended
Desktop PC or Laptop	Pentium® III	Pentium® III or greater
Input Device	Keyboard Mouse	Keyboard Mouse
Operating System	Windows XP	Windows 7
Browser: Enable Java Scripting and Cookies	Internet Explorer® 8.0; Firefox 18.0	IE 9; IE 10; Firefox 22; Chrome 28
Graphics Adapter	SVGA 1024x768 Resolution	SVGA 1280x1024 Resolution
Display	any SVGA Color Monitor	17" SVGA Color Monitor or greater

### **Macintosh Specifications**

The *Criterion* v13.1 website will operate on Power Macintosh and G3/G4 systems, provided that they meet the recommended minimum standards below.

Hardware/OS/Browser	Minimum	Recommended
Macintosh	PowerMac® G3	PowerMac® G4 or G5
Input Device	Keyboard Mouse	Keyboard Mouse
Operating System	Mac OS X 10.6	Mac OS® X 10.6 or higher
Browser: Enable Cookies	Firefox 18.0.x & Safari 5.0.x (compatible only with Mac OS X, not OS 9)	Firefox 18.0.x and higher & Safari 6.0.x and higher
Graphics Adapter	Graphics 1024x768	Graphics 1024x768
Display	Macintosh® Monitor	17" Macintosh® Monitor

### **Tablet Specifications:**

iPad, iOS 5.1 or higher. External keyboard recommended for ease of use.