

**W**elcome to *Criterion*<sup>SM</sup> Online Writing Evaluation v4.1, a web-based service that evaluates a student's writing skills and provides instant score reporting and diagnostic feedback to both the instructor and student.

**BEFORE YOU CAN ACCESS *Criterion*** the following configuration requirements must be met:

**INTERNET PORT SETTINGS:**

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

**FIREWALL TIMEOUT SETTINGS:**

In addition, you should make sure that none of your security devices are set to automatically disconnect a user's session prematurely. We recommend that you do not set any disconnect settings for less than 45 minutes.

**FILTERING SOFTWARE:**

We recommend that you do not use web filters to scan content from *Criterion*. Filtering *Criterion* files may reduce the performance of *Criterion*. 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.

**AVAILABLE BANDWIDTH:**

*Criterion* 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 *Criterion* application performance. In short, we recommend that your network bandwidth utilization levels should be maintained below 70%.

If you need to contact **Criterion Technical Support** (877-909-6442 or [criterionsupport@ets.org](mailto:criterionsupport@ets.org)), then please complete the following survey to ensure you receive appropriate support information from the ETS Technical Specialists.

***Criterion*<sup>SM</sup> Technology Survey**

***Criterion* in a Computer Lab Environment:**

1. How many computer desktops are in your schools' *Criterion* lab environment?  
Number: \_\_\_\_\_
2. Do students use *Criterion* at home?  
Yes: \_\_\_\_\_ No: \_\_\_\_\_
3. What is your average *Criterion* lab class size?  
Number: \_\_\_\_\_

**Computer Hardware and Software:**

1. Which desktop hardware is in your schools' testing environment (PC, Macintosh, Other)?  
Hardware: \_\_\_\_\_
2. Which desktop Operating System(s) does your school use (Microsoft, XP, 95, 98, NT, Apple O/S)? Operating System(s): \_\_\_\_\_

**Browser:**

1. Which Internet Browser and version do you use (For example: Internet Explorer, Netscape, Mozilla, etc)? Browser and version: \_\_\_\_\_

**Network:**

1. What type of connection do you have to the Internet (DSL, T1, dial-up)? \_\_\_\_\_
2. What is the current Bandwidth of your Internet connection? \_\_\_\_\_
3. What is your current bandwidth utilization? \_\_\_\_\_
4. Who is your current ISP (Internet Service Provider)? \_\_\_\_\_
5. Is your Internet connection utilizing NAT (Network Address Translation)? \_\_\_\_\_
6. If NAT is implemented, what is the IP address range used? \_\_\_\_\_

**Firewalls and Content Filtering:**

1. What type of firewall do you use? \_\_\_\_\_
2. Are you filtering for content? \_\_\_\_\_
3. What are your triggers? \_\_\_\_\_

## *Criterion<sup>SM</sup> Online Writing Evaluation – Technical Specifications*

### Network Specifications

The following is the recommended minimum network guideline for your local network infrastructure. *Criterion* 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* v4.1 website will operate on the following personal computers provided that they meet the standards below.

#### Specifications for Student and Instructor 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 98SE, NT4	Windows ME, 2000, XP
BROWSER: ENABLE JAVA SCRIPTING AND COOKIES	IE 5.5; NETSCAPE 6.1; Firefox 1.0.1	IE 6.0; NETSCAPE 7.2; Firefox 1.0.1
GRAPHICS ADAPTER	sVGA 800x600 RESOLUTION	sVGA 800 x 600 RESOLUTION
DISPLAY	ANY SVGA COLOR MONITOR	ANY 17" SVGA COLOR MONITOR OR GREATER

### Linux Specifications

HARDWARE/OS/BROWSER	MINIMUM	RECOMMENDED
DESKTOP PC or LAPTOP	PENTIUM II	PENTIUM III OR GREATER
INPUT DEVICE	KEYBOARD MOUSE	KEYBOARD MOUSE
OPERATING SYSTEM	Novel Linux Desktop 9; Linspire 5.0	Novel Linux Desktop 9; Linspire 5.0
BROWSER: ENABLE COOKIES	Firefox v1.x; NETSCAPE v7.x	Firefox v1.x; NETSCAPE v7.x
GRAPHICS ADAPTER	sVGA 800x600 RESOLUTION	sVGA 800 x 600 RESOLUTION
DISPLAY	ANY SVGA COLOR MONITOR	ANY 17" SVGA COLOR MONITOR OR GREATER

### Macintosh Specifications

The *Criterion* v4.0 website will operate on Power Macintosh and G3/G4 systems, provided that they meet the recommended minimum standards below.

#### Specifications for Student and Instructor 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	OS X 10.2 or higher
BROWSER: ENABLE COOKIES	IE 5.2; NETSCAPE 7.1; Firefox 1.0.1 & Safari 1.2.4 (compatible only with Mac OS X, not OS 9)	NETSCAPE 7.1; Firefox 1.0.1 & Safari 1.3 (compatible only with Mac OS X, not OS 9)
GRAPHICS ADAPTER	Graphics 800x600	Graphics 800x600
DISPLAY	MACINTOSH MONITOR	17" MACINTOSH MONITOR