



ROADS Technical Requirements

The ROADS learning management system provides a rich, interactive experience for students. It is therefore recommended that before you get started you should have the minimum hardware and software requirements.

Note: ROADS does not utilize local hard-disk storage, so you are free to access the system on any number of different computers, from school or at home.

Supported Operating Systems:

- Microsoft® Windows XP Professional or Home Edition, Windows Vista, and Windows 7
- Apple® Mac OS 10.5+
- Limited support for iOS 5.1+ devices. Please note that Flash content is not accessible on mobile devices

Minimum Hardware Specifications:

- Windows-compatible PC with an equivalent of 1 GHz Intel® Pentium® Processor
- Apple Macintosh with Intel 1.6 GHz processor or higher
- 1 GB of RAM
- 1024 x 768 or higher-resolution monitor with 256 colors. 1280 x 1024 or higher recommended
- 16-bit audio adapter and speakers

Internet Connection: It is highly recommended to have DSL, Cable or better.

- DSL, Cable Modem or faster Internet access

Web Browsers: Free Downloads

- Microsoft Internet Explorer, version 7 or newer (Windows only)
- Firefox, version 3.5.1 or newer (Windows or Mac)
- Google Chrome, version 15 or newer (Windows or Mac)
- Safari 5.0.6 or newer (Mac only)

Browser Plug-ins and Helper Applications*

In addition to a compatible web-browser, Advanced Academics also requires the following applications (all are free downloads):

- Adobe Flash Player version 9 or newer
- Adobe Shockwave Player version 8 or newer
- Adobe Reader
- Microsoft Silverlight version 4.0 or newer
- Java run-time, version 1.3.1. or newer

- Flip4Mac plugin for Mac computers
- You will also need a compatible media player (one or more of the following):
 - Microsoft Windows Media Player
 - Apple Quick Time Player

*Please be aware that you may require the services of a network administrator who can configure firewall rules, install software and address other technical issues. Our assessment will immediately identify most network issues.

Course-Specific Requirements

Some courses have specialized application requirements, such as word processing software and audio recording software. Any courses with specialized requirements will have a technology requirements document available at the beginning of the course.

District Network Security Policy

District security policy may restrict the download of MP3 files and other forms of streaming media. A network administrator may need to add Advanced Academics and associated content provider IP information to the districts exception list.

IP Range: 67.67.7.32 - 67.67.7.63

Netmask: 255.255.255.224

Current hostnames of interest:

Traffic through ports 80 and 443:

67.67.7.35 - media.advancedacademics.com
 67.67.7.50 - classroom.advancedacademics.com
 67.67.7.53 - education.advancedacademics.com
 67.67.7.52 - admin.advancedacademics.com
 67.67.7.53 - admin.advancedacademics.com
 67.67.7.38 - roads.advancedacademics.com
 67.67.7.38 - napoleon.advancedacademics.com
 67.67.7.38 - portal.advancedacademics.com
 67.67.7.38 - communicator.advancedacademics.com

Ports 80, 443, 943, 4510 through 4514:

67.67.7.48 - chat.advancedacademics.com
 67.67.7.48 - app1.advancedacademics.com
 67.67.7.56 - flash1.advancedacademics.com
 67.67.7.48 - flash2.advancedacademics.com
 67.67.7.57 - flash3.advancedacademics.com

Text-to-speech service requires traffic through ports 80 and 443:

79.136.80.251 – vtts.readspeaker.com

79.136.80.253 – app.readspeaker.com

79.136.80.254 – media.readspeaker.com

IP Range: 79.136.80.241 – 79.136.80.254