



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 7 or greater
- Apple® Mac OS 10.6 or greater

Minimum Hardware Specifications:

- Equivalent of 2.8 GHz Intel® Pentium® Processor
- 4 GB of RAM
- 1024 x 768 or higher-resolution monitor with 256 colors. 1280 x 1024 or higher recommended
- 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 11 or newer (Windows only)
- Firefox, version 42 or newer (Windows or Mac)
- Google Chrome, version 51 or newer (Windows or Mac)
- Safari 5.1.7 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 Acrobat Reader
- 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: 159.182.25.1-254

Netmask: 255.255.255.0

Current hostnames of interest:

Traffic through ports 80, 443, 15672, 5280, 5481:
13.84.155.160 – roadschat.advancedacademics.com

Traffic through ports 80 and 443:
159.182.25.35 - roads.advancedacademics.com

Ports 80, 443, 943, 4510 through 4514:
159.182.25.36 - chat.advancedacademics.com
159.182.25.37 - 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: 79.136.80.241-254

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