

Cengage web-based learning platforms require broadband internet access and supported web browsers and plugins.

## SYSTEM REQUIREMENTS

### SUPPORTED BROWSERS

#### Windows

- Chrome version 65 or later
- Firefox version 58 or later
- Internet Explorer 11 (Windows 7, 10 only / limited functionality)
- Microsoft Edge 16

#### MacOS / OS X

- Chrome version 65 or later
- Safari version 11 or later
- Safari version 10 (LMS-integrated MindTap only)

#### iOS

- Safari version 10 or later

Other browsers and versions than those listed might also work, but are not supported. If you have problems when using an unsupported browser, try using a supported browser before contacting Customer Support.

### RECOMMENDED BANDWIDTH AND HARDWARE

- Internet: 5+ Mbps
- RAM: 1+ GB
- CPU: 1.8+ GHz
- Display: 1024 × 768

### LEARNING MANAGEMENT SYSTEM (LMS) NOTES

- Server Name Indication (SNI) extensions for security certificates are not supported. If your LMS requires SNI extension support, you will not be able to sync grades or import content into your LMS.
- For Blackboard Ultra, support is limited to basic LTI integration only; building block integration is not supported.

## BROWSER SETTINGS

Configure the following settings in your Web browser.

Enable the following settings for <https://cengage.com>:

- Allow cookies.
- Accept third-party cookies.
- Allow pop-up windows.

Allow Javascript (default setting for supported browsers).

## BROWSER PLUGINS

Some content and tools require browser plugins.

### ADOBE FLASH PLAYER

Some older activities or tools require Adobe Flash Player, version 10 or later.

For supported versions of Chrome and Edge browsers, Flash is embedded but must be enabled.

[get.adobe.com/flashplayer/](http://get.adobe.com/flashplayer/)

### ADOBE SHOCKWAVE PLAYER

Some older content requires Adobe Shockwave Player, version 11 or later.

[www.adobe.com/products/shockwaveplayer/](http://www.adobe.com/products/shockwaveplayer/)

### APPLE QUICKTIME

Some content requires Apple Quicktime.

[support.apple.com/downloads/quicktime](http://support.apple.com/downloads/quicktime)

### JAVA

Some older content requires Java.

The Java plugin is not supported in Chrome.

[www.java.com/getjava](http://www.java.com/getjava)

### PDF READER

Some content requires a PDF reader such as Adobe Reader or Apple Preview. A PDF reader is also required to print MindTap activities.

Current versions of Chrome and Safari can display PDF files.

[get.adobe.com/reader/](http://get.adobe.com/reader/)

## CHECK YOUR SYSTEM

Use the browser check tool to see if you need to update your browser or install missing plugins.

### BROWSER CHECK

<http://ng.cengage.com/static/browsercheck/index.html>

### SPEED CHECK

<http://www.speedtest.net>

## ABOUT COOKIES

Cengage uses an encrypted cookie file to authenticate your identity each time you give or request information like activities or grades.

This helps to protect your information without requiring you to sign in repeatedly. The cookie is deleted when you sign out or close your browser.

Third-party cookies are used for authentication with some learning management systems (LMS) such as Blackboard.