

NROC Course Library End User Requirements

Windows Users

Required Software:

- Operating System: Microsoft Windows 98 or higher
- Browser: Microsoft Internet Explorer 5.5 or higher OR Netscape 7 or higher (JavaScript and cookies must be enabled)
- Acrobat Reader 5 or higher
- Flash Player 7 or higher

Note: QuickTime Version 6 or higher and Java 2 Runtime Environment (J2RE) are required to use the Environment Science course

Recommended Hardware:

- Processor: 400 MHz Pentium III or higher
- Memory: 256 MB or more
- Monitor: Support for 1024 x 768 pixel resolution and 16-bit high color
- Audio: Sound card and speakers or headphones

Internet Connection:

- A high-speed Internet connection such as DSL or Cable Modem is highly recommended

Macintosh Users

Required Software:

- Operating System: OS 9.1 or higher
- Browser: Microsoft Internet Explorer 5.2 or higher OR Safari 1.2 or higher (JavaScript and cookies must be enabled)
- Acrobat Reader 5 or higher
- Flash Player 7 or higher

Note: QuickTime Version 6 or higher and Java 2 Runtime Environment (J2RE) are required to use the Environment Science course

Recommended Hardware:

- Processor: Macintosh G3 or better
- Memory: 256 MB or more

Internet Connection:

- A high-speed Internet connection such as DSL or Cable Modem is highly recommended

NROC Course Library Server Requirements

Web Server

The NROC Library courses can be delivered using a standard HTTP web server like Internet Information Server with no special port or firewall requirements. Additional hosting requirements will be driven by the course management system you utilize and its particular deployment requirements. As a practical matter, because of the security models used within browsers and issues involved in cross-domain communication, it is generally helpful for the learning management system and the courseware to be hosted on the same machine, or at least hosted within the same domain.

Storage Requirements

Course storage requirements are approximately 13 Gigabytes for all the courses in the NROC library. Storage requirements for individual courses are shown in the table below. These requirements do not include the space required to host supplemental MP3 audio and iPod video files available for select NROC courses. Hosting these files will require an additional 5.5 Gigabytes of server storage.

Foundation Courses	Size (MB)
American Government	360
Elementary Algebra	100
Environmental Science	765
General Calculus I	285
General Calculus II	225
General Physics I	170
General Physics II	120
Introductory Calculus I	255
Introductory Calculus II	125
Introductory Physics I	280
Introductory Physics II	185
Psychology	505
Religions of the World	2400
Statistics	230
US History I	650
US History II	635

AP and High School Courses	Size (MB)
AP Biology I	170
AP Biology II	205
AP Calculus AB I	245
AP Calculus AB II	130
AP Calculus BC I	300
AP Calculus BC II	230
AP Environmental Science	765
AP Government and Politics	365
AP US History I	650
AP US History II	635
AP Physics B I	280
AP Physics B II	185
AP Physics C I	175
AP Physics C II	125

Algebra Ia	270
Algebra Ib	220
College Prep Physics I	195
College Prep Physics II	260

Translated Courses	Size (MB)
Calculo General I	340
Calculo General II	220