

Schenectady County Community College
Begley Library and Instructional Technology Center

HOW TO FIND INFORMATION ON ASTRONOMY

I. SEARCHING THE ONLINE CATALOG

Search the library's online catalog to find the title and location of materials in the library. The link to the catalog is available from the library web site <http://www.sunysccc.edu/library>. Select **Find Books/Media** and **Find Books/Media in This Library**. Type your keywords in the **Basic Keyword Search** text box and select **Subject** as the field to search. Some subject entries that appear in our catalog are:

Astronautics
Astronomers
Astronomy
Astronomy History
Black Holes

Challenger (Spacecraft)
Comets
Dark Matter
Galaxies
Meteorites

Planets
Solar System
Space Flight
Space Sciences
Space Vehicles
Stars

II. CIRCULATING BOOKS

Books that may be checked out with the call numbers PS-Z are on the 1st floor behind the Reference Collection. Books with the call numbers A-PR are on the 2nd floor. Some titles include:

<u>Title</u>	<u>Call Number</u>	<u>Location</u>
<i>Space Technology</i>	TL790 .A54 2003	1 st floor
<i>The Cambridge Illustrated History of Astronomy</i>	QB15 .C36 1997	1 st floor
<i>The Black Hole at the Center of Our Galaxy</i>	QB843.B55 M45 2003	1 st floor
<i>Geons, Black Holes, and Quantum Foam</i>	QC16.W48 A3 1998	
<i>Bad Astronomy: Misconceptions and Misuses Revealed, From Astrology to the Moon Landing 'Hoax'</i>	QB44.3 .P58 2002	1 st floor
<i>Flight in America: From the Wrights to the Astronauts</i>	TL521 .B528 2001	1 st floor
<i>David Levy's Guide to the Night Sky</i>	QB63 .L42 2001	1 st floor
<i>Space Exploration</i>	TL791 .S65 1999	1 st floor
<i>Carl Sagan: A Life in the Cosmos</i>	QB36.S15 P68 1999	1 st floor
<i>This New Ocean: The Story of the First Space Age</i>	QB500.262 .B87 1998q	1 st floor
<i>Something New Under the Sun: Satellites and the Beginning of the Space Age</i>	TL796 .G38 1998	1 st floor
<i>Frontiers of Space Exploration</i>	QB500.262 .L38 1998	1 st floor
<i>Many Skies: Alternative Histories of the Sun, Moon, Planets, and Stars</i>	QB502 .U64 2005	1 st floor
<i>Impact!: The Threat of Comets and Asteroids</i>	QB721 .V48 1996	1 st floor
<i>Planetary Astronomy: From Ancient Times to the Third Millennium</i>	QB15 .S39 1998	1 st floor
<i>Spaceflight and Rocketry: A Chronology</i>	TL788 .B25 1996	1 ST floor

III. REFERENCE BOOKS

The Reference Collection of the library is located on the 1st floor beyond the Reference Desk. Some titles include:

<u>Title</u>	<u>Call Number</u>
<i>The Astronomy and Astrophysics Encyclopedia</i>	REF QB14 .A873 1992
<i>The Facts on File Dictionary of Astronomy</i>	REF QB14 .F3 2000
<i>History of Astronomy: An Encyclopedia</i>	REF QB15 .H64 1997

<i>The Cambridge Atlas of Astronomy</i>	REF QB65 .G6813
<i>Encyclopedia of Space Exploration</i>	REF QB500.262 .A54 2000
<i>Space Exploration, a Reference Handbook</i>	REF TL794 .B34 1990
<i>Dictionary of Scientific Biography</i>	REF Q141 .D5
<i>McGraw-Hill Encyclopedia of Science and Technology</i>	REF Q121 .M3 1992
<i>McGraw-Hill Dictionary of Scientific and Technical Terms</i>	REF Q123 .M34 1994

IV. ELECTRONIC DATABASES: PERIODICALS AND REFERENCE

Electronic databases may be used to find full-text articles in journals, newspapers, and Reference sources. The databases are available online via the library web site <http://www.sunysccc.edu/library>. Select the link **Find Articles**. Some useful databases that contain information about Astronomy are:

General Science Collection (EBSCO)
Access Science (McGraw-Hill)
Science Direct

Virtual Reference Library (GALE)
 Select the category *Science* and the publication *Space Sciences Encyclopedia*
CredoReference
 Select *Browse topics* and the category *Science*

V. PERIODICALS IN PRINT

Our online periodicals list contains a complete listing of all the periodicals held by Begley Library. Some periodicals available in the print collection include:

<i>Air and Space Smithsonian</i>	<i>Planetary Report</i>
<i>Astronomy</i>	<i>Popular Science</i>
<i>Aviation Week and Space Technology</i>	<i>Science</i>
	<i>Sky and Telescope</i>

VI. MEDIA

Media materials are located in the Instructional Technology Center on the 2nd floor and may be accessed by searching the online catalog. Select "Advanced Searching" and "Limit by Collection."

VII. THE INTERNET

The web sites listed below were found by accessing the Librarians' Index to the Internet web site at <http://www.iii.org/>. These sites have been evaluated by librarians for their usefulness.

[Nasa's Main Web Site: Gateway to Lots of Information](http://www.nasa.gov/)
<http://www.nasa.gov/>

[Nasa Planetary Photo Journal](http://photojournal.jpl.nasa.gov/index.html)
<http://photojournal.jpl.nasa.gov/index.html>

[National Space Science Data Center: Space Flight Missions, and Space and Solar Physics](http://nssdc.gsfc.nasa.gov/)
<http://nssdc.gsfc.nasa.gov/>

[Nasa's Jet Propulsion Laboratory](http://www.jpl.nasa.gov/)
<http://www.jpl.nasa.gov/>

[Multimedia Tour of the Solar System](http://www.nineplanets.org)
<http://www.nineplanets.org>

[Introduction to the Solar System](http://csep10.phys.utk.edu/astr161/lect/)
<http://csep10.phys.utk.edu/astr161/lect/>

[Views of the Solar System](http://www.solarviews.com/eng/homepage.htm)
<http://www.solarviews.com/eng/homepage.htm>

Virtual Trips to Black Holes and Neutron Stars

http://antwrp.gsfc.nasa.gov/htmltest/rjn_bht.html

Stellar Evolution and Black Holes

http://chandra.harvard.edu/xray_sources/

Encyclopedia of Astronomy

<http://scienceworld.wolfram.com/astronomy/>

Encyclopedia Astronautica

<http://www.astronautix.com/>

Constellations and their Stars

<http://www.astro.wisc.edu/~dolan/constellations/>

Gazetteer of Planetary Names

<http://planetarynames.wr.usgs.gov/>

Center for Science Education at UC Berkeley: Astronomy Resources by Topic

<http://cse.ssl.berkeley.edu/segway/>

The Astronomy Café: An Educational Resource in Astronomy

<http://www.astronomycafe.net/>

Astronomy Facts and Figures

<http://www.scenta.co.uk/tcaep/>

Exploring the Planets

<http://www.nasm.si.edu/research/ceps/etp/etp.htm>

Peoria Astronomical Society: A Primer for the Beginning Astronomer

<http://www.astronomical.org/>

Seasons Solstices and Equinoxes

<http://scienceworld.wolfram.com/astronomy/topics/Seasons.html>

Space Weather

<http://www.windows.ucar.edu/spaceweather/>

<http://spaceweather.com/>

Space Shuttle Missions

<http://science.ksc.nasa.gov/shuttle/missions/missions.html>

<http://spaceflight.nasa.gov/home/index.html>

<http://msl.jpl.nasa.gov/>

Northern Lights

<http://www.northern-lights.no/>

Interactive Sky Chart

http://skyandtelescope.com/observing/skychart/article_1220_1.asp

Sky Information: Sunrise, Sunset, Moon Phase, Tide Table, etc.

<http://www.griffithobs.org/Skyinfo.html>

Complete Sun and Moon Data for One Day

http://aa.usno.navy.mil/data/docs/RS_OneDay.html

Earth And Moon Viewer

<http://www.fourmilab.to/earthview/>

VIII. LIBRARIANS

Reference Librarians will be happy to help you locate materials for your topic in this library and in other libraries. Please ask for assistance at the Reference Desk. You may also **email or chat live** with a librarian via the web site at <http://www.sunysccc.edu/library>. Select the link **Ask a Librarian**.