Google™

Google is essentially a search engine for Web documents, Usenet groups, and images; but it also functions as a calculator, dictionary, phone book, measurement converter, and directions guide. The Google Web-search index is compiled by computers that 'crawl' the Web. The Google name came from "googol" which is 10 raised to the power $100(10^{100})$, or the numeral 1 followed by 100 zeros.

Use Google search to find the following:

Author- type author's name enclosed in quotation marks
   Example:
      "mark twain"

Answers - Trouble creating a query to find the information you seek? No time to research the topic yourself? Visit *answers.google.com*, enter question, specify amount you will pay (could be as little as $2.50), and get e-mail notification when answered.

Country codes - find a list of two-letter country codes
   Example:
      country code uk

Definitions - type word in search box preceded by
   define:, what is: or *what are:*
   Examples:
      define: logistics

File types - find documents with specific file extensions
   Example:
      accessibility filetype:pdf

Flight tracking - type carrier and flight number
   Example:
      jetblue 128

Groups/Discussions - click Groups link, enter subject desired
   Example:
      professional societies

Images - click Images link, enter subject desired
   Example:
      mariachi

Inurl - search for keywords within a page's URL (address)
   Example:
      technology inurl:faq

Maps - enter a US address into search box
   Example:
      1600 Pennsylvania Avenue Washington DC

Math - enter numbers to add, subtract, multiply(*), or divide(/). *(See also Additional Help on reverse side.)*
   Examples:
      10 + 10 - (5 * 2) + 23/3
   More advanced math examples:
      12% of 115
      square root of 84 OR sqrt 84
      20^10
      pi/8

Google

UCCS
University Computing &
Communications Services
California State University, Sacramento
http://www.csus.edu/uccs/

Measurements – Enter measurement desired or the measurements to be converted
   Examples:
      76 degrees Fahrenheit in degrees Celsius
      120 pounds in kilograms
      megabytes to kilobytes
      gravitational constant

Numbers: Package tracking, vehicle ID, UPC codes, area codes
   Examples:
      ups 2420304
      ST7MW2249PQ002946
      202

Phone Numbers - enter name and city, state, or zip code
   Examples:
      Jane Doe 95819
      Staples Sacramento

Phrases/Proper names - Enclose in quotes (" ")
   Example:
      "Web usability"

Research - use Open Directory Project, *www.dmoz.org*, a human-compiled directory by subject-matter experts OR review scholarly literature, *http://scholar.google.com*.

Shopping - click Froogle link, enter product name
   Example:
      ipod

Site - narrow your search to a specific domain or site
   Example:
      "financial aid" site:www.csus.edu

Source - enter subject and source:publication name, with no space after source:
   Example:
      lessig source:wired_magazine

Stocks - enter ticker symbol
   Example:
      goog

Translations - click the Language Tools link at bottom of Google search page

Weather/Travel delays - enter airport 3-letter code and the word: airport OR weather forecast and the code
   Examples:
      IAD airport
      weather forecast DEN

Web Alerts - Ask to be notified by e-mail of Google's latest updates and new Web pages at www.google.com/alerts:
      Where you or CSUS is cited or quoted
      Instances when people link to your site

Notes:
*Date variations: CSUS Bulletin "Jan * 2005" OR 1/*/05" OR "January * 2005" where the asterisk * represents a "wild card" unknown day.*
Google will search for equivalent terms if a tilde (~) is included next to the search term; i.e., ~car will also return results for "auto."
Limit searches to relevant results by using the minus sign (-) to eliminate results not desired; i.e., "Chris Webber" -Kings
See more examples at www.csus.edu/uccs/training/quiktakes/google/ google101.pdf.
See: toolbar.google.com, labs.google.com, google doodle, google video
Use Google as an aid in detecting plagiarism: Enter quoted phrases in students' work into Google search box surrounded by quotes to see results.
Evaluate Web pages: www.library.cornell.edu/olinuris/ref/webcrit.html.

Additional help:
   Basics: www.google.com/help/basics.html
   Comprehensive Google online tutorial: www.googleguide.com
   Math: www.google.com/help/calculator.html OR www.soople. com/index.php?sub=calculator (a visual interface of Google's calculator capabilities)

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