

Imperial College
London

Citing & Referencing: Vancouver Style



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There are many styles that can be used for referencing. When you are given coursework or dissertation guidelines, check which style of referencing your lecturer or department asks you to use. If you don't check, and you use a style that is not the one stated in your guidelines, you could find you lose mark.

This guide introduces you to the Vancouver referencing style, which uses a 'numerical-endnote' approach. [If your lecturer or department does not ask you to use any particular style, we would recommend using Harvard. It's easy to learn, simple to use, and when you get stuck, there is lots of advice available to help you out.]

When you begin your research for any piece of work, it is important that you record the details of all the information you find. You will need these details to provide accurate references, and to enable you to locate the information again at a later date, should it be necessary to do so. Section 6 of this guide will help you identify what information you need, regardless of which referencing style you choose to use.

1. WHAT IS REFERENCING?

It is a method used to demonstrate to your readers that you have conducted a thorough and appropriate literature search, and reading. Equally, referencing is an acknowledgement that you have used the ideas and written material belonging to other authors in your own work.

As with all referencing styles, there are two parts: citing, and the reference list.

2. WHY SHOULD I REFERENCE?

Referencing is crucial to you to carry out successful research, and crucial to your readers so they can see how you did your research. Knowing why you **need** to reference means you will understand why it is important that you know **how** to reference.

1. Accurate referencing is a key component of good academic practice and enhances the presentation of your work: it shows that your writing is based on knowledge and informed by appropriate academic reading.
2. You will ensure that anyone reading your work can trace the sources you have used in the development of your work, and give you credit for your research efforts and quality.
3. If you do not acknowledge another person's work or ideas, you could be accused of plagiarism.

Plus your lecturers are very keen to see good reference lists. Impress them with the quality of the information you use, and your references, and you will get even better marks.

3. WHAT SHOULD I REFERENCE?

You should include a reference for all the sources of information that you use when writing or creating a piece of your own work.

4. WHAT IS A CITATION?

When you use another person's work in your own work, either by referring to their ideas, or by including a direct quotation, you must acknowledge this in the text of your work. This acknowledgement is called a citation.

5. HOW DO I WRITE CITATIONS USING THE VANCOUVER STYLE?

Each piece of work which is cited in your text should have a unique number, assigned in the order of citation. If, in your text, you cite a piece of work more than once, the same citation number should be used.

You can write the number in brackets or as superscript.

5.1 Citing one author

Recent research (1) indicates that the number of duplicate papers being published is increasing.

or

Recent research¹ indicates that the number of duplicate papers being published is increasing.

5.2 Citing more than one piece of work at the same time

If you want to cite several pieces of work in the same sentence, you will need to include the citation number for each piece of work. A hyphen should be used to link numbers which are inclusive, and a comma used where numbers are not consecutive.

The following is an example where works 6, 7, 8, 9, 13 and 15 have been cited in the same place in the text.

Several studies (6–9, 13, 15) have examined the effect of congestion charging in urban areas.

5.3 Citing the author's name in your text

You can use the author's name in your text, but you must insert the citation number as well.

As emphasised by Watkins (2) carers of diabetes sufferers 'require perseverance and an understanding of humanity' (p.1).

5.4 Citing more than one author's name in your text

If a work has more than one author and you want to cite author names in your text, use 'et al' after the first author.

Simons et al (3) state that the principle of effective stress is 'imperfectly known and understood by many practising engineers' (p.4).

5.5 Citing works by the same author written in the same year

If you cite a new work which has the same author and was written in the same year as an earlier citation, each work will have a different number.

Communication of science in the media has increasingly come under focus, particularly where reporting of facts and research is inaccurate (4, 5).

5.6 Citing from works with no obvious author

If you need to cite a piece of work which does not have an obvious author, you should use what is called a 'corporate' author. For example, many online works will not have individually named authors, and in many cases the author will be an organisation or company. Using the Vancouver style you don't have to include the author in your citation in the text of your work, but you still need to include an author in the full reference at the end of your work (see section 9).

The citation to a work written by a 'corporate' author could appear in your text as:

The Department of Health (6) recently estimated the number of dementia sufferers in the UK at 570,000.

or

The number of dementia sufferers in the UK has been recently estimated at 570,000 (6).

If you are unable to find either a named or corporate author, you should use 'Anon' as the author name. **Be careful:** if you cannot find an author for online work, it is not a good idea to use this work as part of your research. It is essential that you know where a piece of work has originated, because you need to be sure of the quality and reliability of any information you use.

5.7 Citing from chapters written by different authors

Some books may contain chapters written by different authors. When citing work from such a book, the author who wrote the chapter should be cited, not the editor of the book.

5.8 Secondary referencing

Secondary references are when an author refers to another author's work and the primary source is not available. When citing such work the author of the primary source and the author of the work it was cited in should be used.

According to Colluzzi and Pappagallo as cited by Holding et al (7) most patients given opiates do not become addicted to such drugs.

You are advised that secondary referencing should be avoided wherever possible and you should always try to find the original work.

5.9 Citing a direct quotation

If a direct quote from a book, article, etc., is used you must:

- Use single quotation marks (double quotation marks are usually used for quoting direct speech)
- State the page number

Simons et al (3) state that the principle of effective stress is ‘imperfectly known and understood by many practising engineers’ (p.4).

5.10 Citing an image/illustration/table/diagram/photograph/figure/picture

You should provide an in-text citation for any images, illustrations, photographs, diagrams, tables, figures or pictures that you reproduce in your work, and provide a full reference as with any other type of work.

They should be treated as direct quotes in that the author(s) should be acknowledged and page numbers shown; both in your text where the diagram is discussed or introduced, and in the caption you write for it.

In-text citation:

Table illustrating checklist of information for common sources (8: p.22).

or

‘Geological map of the easternmost region of São Nicolau’ (9: p.532).

5.11 Citing from multimedia works

If you need to cite a multimedia work, you would usually use the title of the TV programme (including online broadcasts) or video recording, or title of the film (whether on DVD, online, or video) as the author. This would include, for example, videos posted on YouTube or other video-streaming web services.

Using the Vancouver style, you don’t have to include the author in your citation in the text of your work, but you still need to include the author of the work in your reference list at the end of your work.

5.12 Citing from an interview or personal communication

Always use the surname of the interviewee/practitioner as the author.

5.13 Tips on good quotation practice

Quotations longer than two lines should be inserted as a separate, indented paragraph.

Smith (7) summarises the importance of mathematics to society and the knowledge economy, stating that:

‘Mathematics provides a powerful universal language and intellectual toolkit for abstraction, generalization and synthesis. It is the language of science and technology. It enables us to probe the natural universe and to develop new technologies that have helped us control and master our environment, and change societal expectations and standards of living.’ (p. 11)

or

A recent UK report (7) summarised the importance of mathematics to society and the knowledge economy, stating that:

‘Mathematics provides a powerful universal language and intellectual toolkit for abstraction, generalization and synthesis. It is the language of science and technology. It enables us to probe the natural universe and to develop new technologies that have helped us control and master our environment, and change societal expectations and standards of living.’ (p.11)

If you want to insert a long quotation (over two lines) but do not want to include all of the text, you can remove the unnecessary text and replace with ‘...’.

As summarised by Smith (7):

‘Mathematics provides a powerful universal language and intellectual toolkit for abstraction, generalization and synthesis ... It enables us to probe the natural universe and to develop new technologies that have helped us control and master our environment, and change societal expectations and standards of living.’ (p. 11)

You should only do this when you use a quotation taken from one paragraph.

When you use quotations within your text, sometimes you may want to insert one or two words in the quotation so that your complete sentence is grammatically correct. To indicate that you have inserted words into a quotation, these have to be enclosed in square brackets.

Smith (7) provides a number of reasons as to why mathematics is important, stating that it is
'a powerful universal language and intellectual toolkit for abstraction, generalization and synthesis ... [and] enables us to probe the natural universe and to develop new technologies that have helped us control and master our environment, and change societal expectations and standards of living.' (p. 11)

Writing skills: at your academic level you will be expected to develop your writing skills, and this includes being able to discuss and demonstrate an understanding of other people's work and ideas in your own words. This is called paraphrasing. It is much better to paraphrase than to use many quotations when you write.

6. HOW DO I WRITE A REFERENCE?

To write your own references you need different bits of information about each item that you read when you are researching a piece of work. These bits of information are called ‘bibliographic’ information.

For all types of references the key bits of information you need to start with are:

1. Author or editor
2. Date of publication/broadcast/recording
3. Title of the item

This will form the basis of each reference you have to write. You may find that some items are not as straightforward as others, so be aware of the following:

1. Author or editor This means the primary (main) person who produced the item you are using.

If you are using a website or web page, and there isn’t an author, you can use what is called a ‘corporate author’. This will usually be the name of the organisation or company to whom the website or web page belongs.

2. Date of publication / broadcast / recording: This means the date the item was produced. It is usually a year, but if you are using a newspaper article, an email, or a television recording, you will have to include a full date (day/month/year) in your reference.

3. Title of the item: This means the primary (main) title of the item you are using. That sounds very obvious, but have a look at a web page and try to work out what the main title is. We would advise common sense in this situation – you have to identify the key piece of information that describes what you have used, and will allow the reader of your work to identify that information.

The following table tells you about some of the variations you should look for when you are collecting your reference information.

	1. Primary author/editor	2. Date of publication	3. Primary title of item
Email	Name of the person who wrote the email	The full date the email was sent: day/month/year	Subject of the email. This may include RE: or FWD:
Journal article	Name of the person or persons who wrote the article	The year the journal issue was published	Title of the article (not the title of the journal)
Newspaper article	Name of the journalist, or if there is no journalist name, the name of the newspaper	The full date on which the article was published: day/month/year	Title of the article (not the title of the newspaper)
Website	This can be tricky. Use an individual name if you can find one, or the name of the organisation or company to whom the website belongs	Usually the current year, the year when the website was last updated, or the latest date next to the copyright statement/symbol	Title of the website
Web page	This can be tricky. Use an individual name if you can find one, or the name of the organisation or company to whom the website belongs	Usually the current year, but if the web page has a full date of publication, you may also need that: day/month/year	Title of the web page. You will need to use the title of the website if the web page doesn't have an individual title
TV broadcast	Title of the programme, or if the programme is part of a series, use the series title	The year the programme was broadcast	Title of the programme (it does not need to be written twice if you used it as the author information)
Personal interview	Name of the person being interviewed	The full date on which the interview took place: day/month/year	No title needed
Book chapter	Name of the author of the chapter	The year the book was published	Title of the book chapter (not the title of the book)

Depending on the type of material you want to reference you will also need other bits of information, such as:

- Name of publisher
- Place of publication
- Page numbers
- Volume number
- Issue number
- URL (website or web page address)
- DOI (link for journal articles)
- Title of conference proceedings
- Report number
- Book or conference editor (if not your primary author)
- Book or conference title (if not your primary title)
- Journal title (the **journal article title** will be your primary title)
- Date of access (for online material)

The more references you have to write, the more familiar you will be with what you need to know. But the best advice we can give is to check our guides, ask us, or check with your lecturers.

7. HOW DO I WRITE A REFERENCE LIST?

This is your list of all the sources that have been cited in the text of your work. The list is inclusive showing books, journals etc. listed in one list, not in separate lists according to source type.

- When using the Vancouver style, the reference list should be in numerical order and each number matches and refers to the one in the text
- The list should be at the end of your work
- Books, paper or electronic journal articles, etc., are written in a particular format that must be followed.

8. EXAMPLE OF A REFERENCE LIST

(1) Arrami M, Garner H. A tale of two citations. *Nature*. 2008; 451(7177):397–399.

(2) Watkins PJ. *ABC of Diabetes*. 5th ed. London: Blackwell Publishing; 2003.

(3) Simons NE, Menzies B, Matthews M. *A Short Course in Soil and Rock Slope Engineering*. London: Thomas Telford Publishing; 2001.

(4) Goldacre B. Dore – the media’s miracle cure for dyslexia. *Bad Science*. Weblog. [Online] Available from:
<http://www.badscience.net/2008/05/dore-the-medias-miracle-cure-for-dyslexia/#more-705>
[Accessed 19th June 2008].

(5) Goldacre B. Trivial Disputes. *Bad Science*. Weblog. [Online] Available from:
<http://www.badscience.net/2008/02/trivial-disputes-2/> [Accessed 19th June 2008].

(6) Department of Health. *More help for people with dementia*. Available at: <http://nds.coi.gov.uk/content/detail.asp?NewsAreaID=2&ReleaseID=371217>. [Accessed 20th June 2008].

(7) Smith A. *Making mathematics count: the report of Professor Adrian Smith's inquiry into post-14 mathematics education*. London: The Stationery Office; 2004.

(8) Pears R, Shields G. *Cite them right: the essential referencing guide*. 3rd ed. Durham: Pear Tree Books; 2008.

(9) Ramalho R, Helffrich G, Schmidt DN, Vance D. Tracers of uplift and subsidence in the Cape Verde archipelago. *Journal of the Geological Society*. [Online] 2010;167(3): 519–538. Available from: doi:10.1144/0016-76492009-056 [Accessed: 14th June 2010]

The layout for each type of publication can be found on the following pages. If you are using the bibliographic software RefWorks, you should use the 'Vancouver' style to format your reference list and citations correctly.

9. WHAT IS A BIBLIOGRAPHY?

There may be items which you have consulted for your work, but not cited. These can be listed at the end of your assignment in a 'bibliography'. These items should be listed in alphabetical order by author and laid out in the same way as items in your reference list. If you can cite from every work you consulted, you will only need a reference list. If you wish to show to your reader (examiner) the unused research you carried out, the bibliography will show your extra effort. **You will not need to number each work listed in your bibliography.**

Always check the guidance you are given for coursework, dissertations, etc., to find out if you are expected to submit work with a reference list and a bibliography. If in doubt, ask your lecturer or supervisor.

10. HOW TO WRITE REFERENCES FOR YOUR REFERENCE LIST AND BIBLIOGRAPHY: VANCOUVER STYLE

Remember: Your lecturers consider accurate and consistent referencing to be an important part of your academic work. Always check your course guidelines so you know which style of referencing to use, and always use the help guides especially if you're using a new style.

The following examples are in two parts:

- the information you should collect about each piece of work you use; and
- how this information is presented when you write a full reference.

If the work you need to reference has more than six authors, you should list the first six authors, followed by 'et al.'

Example:

Petrie KJ, Mueller JT, Schirmbeck F, Donkin L, Broadbent E, Ellis CJ, et al. Effect of providing information about normal test results on patients' reassurance: randomised controlled trial. *British Medical Journal*. [Online] 2007;334(7589): 352–354 [Accessed 19th June 2009].

If you cannot find the type of work you need to provide a reference for, please contact your librarian for more help (see section 11).

Book: print

Author/Editor (if it is an editor always put (ed.) after the name)

Title (this should be in italics)

Series title and number (if part of a series)

Edition (if not the first edition)

Place of publication (if there is more than one place listed, use the first named)

Publisher

Year of publication

Simons NE, Menzies B, Matthews M. *A Short Course in Soil and Rock Slope Engineering*. London: Thomas Telford Publishing; 2001.

Book: online/electronic

Author/Editor (if it is an editor always put **(ed.)** after the name)

Title (this should be in italics)

Series title and number (if part of a series)

Edition (if not the first edition)

[Online]

Place of publication (if there is more than one place listed, use the first named)

Publisher

Year of publication

Available from: URL

[Date of access]

Simons NE, Menzies B, Matthews M. *A Short Course in Soil and Rock Slope Engineering*. [Online] London: Thomas Telford Publishing; 2001. Available from: <http://www.mylibrary.com?ID=93941> [Accessed 18th June 2008].

Book: chapter in an edited book

Author of the chapter

Title of chapter followed by, **In:**

Editor (always put **(ed.)** after the name)

Title of book (this should be in italics)

Series title and number (if part of a series)

Edition (if not the first edition)

Place of publication (if there is more than one place listed, use the first named)

Publisher

Year of publication

Page numbers (use 'p.' before single and multiple page numbers)

Partridge H, Hallam G. Evidence-based practice and information literacy. In: Lipu S, Williamson K, Lloyd A. (eds.) *Exploring methods in information literacy research*. Wagga Wagga, Australia: Centre for Information Studies; 2007. p. 149–170.
(this should be in italics)

Journal article: print

Author

Title of journal article

Title of journal (this should be in italics)

Year of publication

Volume number

(Issue number)

Page numbers of the article

Chhibber PK, Majumdar SK. Foreign ownership and profitability: Property rights, control, and the performance of firms in Indian industry. *Journal of Law & Economics*. 1999; 42(1): 209–238.

Journal article: online/electronic

If an electronic journal article has a DOI (digital object identifier), you can use this instead of the URL. The DOI is a permanent identifier provided by publishers so that the article can always be found online. Your tutor or lecturer may ask you to include the DOI, not a direct URL, in your written references.

To find the DOI, when you read an article online, check the article details as you will usually find the DOI at the start of the article. For more help, contact your librarian.

If you read the article in a full-text database service, such as Factiva or EBSCO, and do not have a DOI or direct URL to the article you should use the database URL.
(this should be in italics)

Author**Title of journal article****Title of journal** (this should be in italics)**[Online]****Year of publication****Volume number****(Issue number)****Page numbers of the article****Available from: URL or DOI****[Date of access]**

Arrami M, Garner H. A tale of two citations. *Nature*. [Online] 2008;451(7177): 397–399.

Available from: <http://www.nature.com/nature/journal/v451/n7177/full/451397a.html>

[Accessed 20th January 2008].

or

Wang F, Maidment G, Missenden J, Tozer R. The novel use of phase change materials in refrigeration plant. Part 1: Experimental investigation. *Applied Thermal Engineering*. [Online] 2007;27(17–18): 2893–2901. Available from: doi:10.1016/j.applthermaleng.2005.06.011. [Accessed 14th July 2008].

aplthermaleng.2005.06.011. [Accessed 14th July 2008].

or

Read B. Anti-cheating crusader vexes some professors. *Chronicle of Higher Education*. [Online] 2008; 54(25). Available from: <http://global.factiva.com/> [Accessed 18th June 2009].

[Accessed 18th June 2009].

Note: articles published online may not have page numbers.

Pre-print journal articles

It is likely you will find articles available online prior to being submitted to the peer review procedure and published in a journal. These articles are preprints and may be placed in an online repository or on a publisher's website (but not in a specific journal issue).

Author/s**Title of journal article****Submitted to/To be published in** (if this information is with the article)**Title of journal** (in italics)**Name of repository** (in italics)**[Preprint]****Year of writing****Available from: URL** (if available)**[Date of access]**

Silas P, Yates JR, Haynes PD. Density-functional investigation of the rhombohedral to simple cubic phase transition of arsenic. To be published in *Physical Review B. Arxiv*. [Preprint] 2008. Available from: <http://arxiv.org/abs/0810.1692>. [Accessed: 23rd July 2010]

Note: there will not be volume, issue or page numbers assigned to preprint articles.

Conference proceeding: individual paper**Author****Title of conference paper** followed by, **In:****Editor/Organisation** (if it is an editor always put **(ed.)** after the name)**Title** (this should be in italics)**Place of publication****Publisher****Year of publication****Page numbers** (use 'p.' before single and multiple page numbers)

Wittke M. Design, construction, supervision and long-term behaviour of tunnels in swelling rock. In: Van Cotthem A, Charlier R, Thimus J-F, Tshibangu J-P. (eds.) *Eurock 2006: multiphysics coupling and long term behaviour in rock mechanics: Proceedings of the International Symposium of the International Society for Rock Mechanics, EUROCK 2006, 9–12 May 2006, Liège, Belgium*. London: Taylor & Francis; 2006. p. 211–216.

Standard

Name of Standard Body/Institution

Standard number

Title (this should be in italics)

Place of publication

Publisher

Year of publication

British Standards Institution. BS 5950–8:2003. *Structural use of steelwork in building: code of practice for fire resistant design*. London: BSI; 2003.

Report

Author/Editor (if it is an editor always put **(ed.)** after the name)

Title (this should be in italics)

Organisation

Report number: (this should be followed by the actual number in figures)

Year of publication

Leatherwood S. Whales, *dolphins, and porpoises of the western North Atlantic*. U.S. Dept. of Commerce. Report number: 63, 2001.

Map

Author (usually the organisation responsible for publishing the map)

Title (this should be in italics)

Scale

Place of publication (if there is more than one place listed, use the first named)

Publisher

Year of publication

British Geological Survey. *South London, 270. 1: 50 000*. London: BGS; 1998.

Web page/website

Author/Editor (use the corporate author if no individual author or editor is named)

Title (this should be in italics)

[Online]

Available from: URL

[Date of access]

European Space Agency. *ESA: Missions, Earth Observation: ENVISAT*. [Online] Available from: <http://envisat.esa.int/> [Accessed 3rd July 2008].

Email: personal

Personal emails should be referenced as personal communication, unless you have permission from the sender and receiver to include their details in your reference list.

Sender

Email sent to

Name of receiver

Date, month and year of communication

Harrison R. Email sent to: Mimi Weiss Johnson. 10th June 2014.

Personal communication

Name of practitioner

Occupation

Personal communication

Date when the information was provided

Law J. Engineering consultant. Personal communication. 26th March 2014.

Lecture/presentation

Name of lecturer/presenter

Title of lecture/presentation (this should be in italics)

[Lecture/Presentation]

Title of module/degree course (if appropriate)

Name of institution or location

Date of lecture/presentation

Wagner G. *Structural and functional studies of protein interactions in gene expression*.
[Lecture] Imperial College London. 12th December 2006.

11. SOURCES OF FURTHER HELP

For more referencing examples:

www.imperial.ac.uk/library/subjectsandsupport/referencemanagement

Want to use reference management software?

The Library recommends RefWorks for undergraduate and Master's students, and EndNote for postgraduate research students and staff. For information and training workshops:
www.imperial.ac.uk/library/subjectsandsupport/referencemanagement

To contact your librarian for more advice:

www.imperial.ac.uk/library/getintouch/yourlibrarian

CONTACT US

 www.imperial.ac.uk/library

 library@imperial.ac.uk

 [@imperiallibrary](https://twitter.com/imperiallibrary)

 www.facebook.com/imperiallibrary