

The IWC QUICK GUIDE to IEEE Style

IEEE style (often referred to as “I-Triple-E”) refers to the referencing and citation style developed by the Institute of Electrical and Electronics Engineers. It is used in fields of electrical and electronics engineering, computers, and IT. There are a number of IEEE style guides available online covering the various aspects of IEEE format. This quick guide focuses on basic IEEE referencing and citation format for academic writing and article publications. For information on terms used in this guide, refer to the IWC Quick Guide to Referencing & Citation.

In-Text Citation Format

IEEE is a numeric system of referencing and citation.

- In-text citations appear as numbers in square brackets e.g. [1] at the end of a sentence before the punctuation mark. Each number represents an individual source (article, book, etc.).
- Throughout the text, a citation number always refers to the same source. The number given to each source depends on when the source is referred to in the text. For example, the first source you refer to will be numbered (cited) as [1]. Each time you refer to that particular source, it will be cited as [1] and will be listed as [1] in the reference list (see Reference List Format); the second source you refer to in your text will be [2], and that source will always be cited as [2], and will be listed as [2] in the reference list.
- When using direct quotes in your essay, or specific details taken from sources, the in-text citation should also include the page number where the information was found. For example, the in-text citation might appear like this: [1, p28], which means the information is from source 1 and can be located on page 28. NOTE: for webpage articles that do not have page numbers, paragraph numbers can be given instead.
- NOTE: IEEE style requires that essays and articles use double columns of text, as shown on this Quick Guide.

Example (Note: bold numbers not required)

New security challenges are also mounting in conjunction with the evolution of mobile computing technologies [1]. For instance, if a user discloses his location through any public network, others can easily trace his/her movements [2]. The data communication over insecure channels undoubtedly brings into question the privacy and integrity of conversation. The extensive deployment of handheld electronic devices, networks, mobility and flexibility necessitates the authentication process of every remote user [3]. Mobile user authentication verifies the identity of user through a mobile device and permits access to the network services. The user authentication process through different means, namely passwords, smartcards and biometrics, is possible due to the provision of built-in advanced technologies in the mobile devices [2]. For example, Android supports face recognition and Apple supports fingerprint recognition. The user authentication ensures the legitimacy of only the user but not the network service provider. The chance of attacks still exists when the user is unsure about the second party. Therefore, assuring the authenticity of all communicating parties is pretty much crucial, which is called mutual authentication [4].

Reference List Format

The reference list (the list containing specific information about the sources: author, title, date of publication, etc.) appears at the end of the essay or article.

- In the reference list, sources are listed numerically according to the number they were given in the text.
- The information for each source will depend on the type of document or source used (article, book, website, etc.).
- NOTE: Part 2 of this guideline provides formatting information on some of the types of sources most commonly used by students.

Example

- [1] G. Eason, B. Noble, and I. N. Sneddon, “On certain integrals of Lipschitz-Hankel type involving products of Bessel functions,” *Phil. Trans. Roy. Soc. London*, vol. A247, pp. 529–551, April 1955. (*references*)
- [2] J. Clerk Maxwell, *A Treatise on Electricity and Magnetism*, 3rd ed., vol. 2. Oxford: Clarendon, 1892, pp.68–73.
- [3] I. S. Jacobs and C. P. Bean, “Fine particles, thin films and exchange anisotropy,” in *Magnetism*, vol. III, G. T. Rado and H. Suhl, Eds. New York: Academic, 1963, pp. 271–350.
- [4] K. Elissa, “Title of paper if known,” unpublished.
- [5] R. Nicole, “Title of paper with only first word capitalized,” *J. Name Stand. Abbrev.*, in press.

Author Names (General Rules)

- Author names are written as the initials of the author’s first (and second) name followed by the last name (e.g. J. Smith; R.K. Harrison, M. Jones, etc.)
- If you are unfamiliar with foreign names you may have to research the authors to determine which names are first names and which are last names
- When there are two or three authors, all names must be listed in the order they appear on the original source
- When there are more than three authors, the first authors must be given followed by et al. (indicating that there are several authors not listed in the entry)
- If a source has no author name, the name of the website, or the university or organization that published the material can be used in place of an author’s name
- These rules apply to all sources, regardless of type

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Reference List Entry Format

The following are some general guidelines for IEEE reference list entries. Information is provided for the kinds of sources commonly used by students.

Online (Electronic) Sources:

Webpage Articles & Websites

Format

[Citation Number] Author(s). (Year, Month in parentheses). Title of Article or Page. [Online]. Available: URL address. [Accessed: Month Date, Year]

Example

[1] Box Hill Institute. (n.d). How to use IEEE style. [Online]. Available: <http://studentweb.bhtafe.edu.au/>. [Accessed: Aug. 8, 2017]

Notes:

- If the author's name is not provided, use the name of the Website or the owner of the website (Company, University, Organization, etc.)
- Use (n.d) if no date is provided

Online Journal Articles

Format

[Citation Number] Author(s). (Year, Month in parentheses). "Article title in quotation marks", *Journal Title*. In Italics [Online]. Vol. (Issue), Pages. Available: URL address. [Accessed: Month Date, Year]

Example

[2] J. Shannon and F. Balon. (2008, Mar.). "Source-gated thin-film transistors". *Solid State Electronic*. [Online]. 52(3), pp. 449-454. Available: <http://doi:10.1016> [Accessed: Jul. 10, 2009]

Online Reports & Handbooks

Format

[Citation Number] Author(s). (Year, Month in parentheses). Title. Company or Organization. City, State or Country. [Online]. Available: URL address [Accessed: Month Date, Year]

Example

[3] S. L. Talleen. (1996, Apr.). The Intranet Architecture: Managing information in the new paradigm. Amdahl Corp., CA. [Online]. Available: <http://www.amdahl.com/doc123.html>. [Accessed: Jun. 27, 2016]

Online Videos

Format

[Citation Number] Author(s), *Title in Italics*. Year Published [Online]. Available: URL address. [Accessed: Month Date, Year]

Example

[4] TED Talks, *Eleanor Longden: The Voices in my Head*. 2013 [Online]. Available: <https://www.youtube.com/watch?v=syJEN3peCJw>. [Accessed: Sept. 17, 2014]

Printed Materials

Books

Format

[Citation Number] Author(s), *Book Title in Italics*, Edition, City of publication: Publisher, Year, Page number(s).

Example

[5] W.K. Chen, *Linear Networks and Systems*. 2nd Edition, Belmont, CA: Wadsworth, 1993, pp. 123-35.

Notes:

- The Edition number is not needed for 1st editions
- If the place of publication is not well known, include the name of the relevant country or state as well
- Give page numbers unless the entire book is used.

Edited Books (Chapters by Different Authors)

Format

[Citation Number] Author of Chapter or Section, "Title of chapter or section in quotation marks", in *Title of book in Italics*, Edition number, Vol., Editor's name, Ed. City of publication: Publisher, Year, Page number(s).

Example

[6] G. O. Young, "Synthetic structure of industrial plastics," in *Plastics*, 2nd ed., vol. 3, J. Peters, Ed. New York: McGraw-Hill, 1964, pp. 15-64.

Journal Articles

Format

[Citation Number] Author(s), "Article title in quotation marks", *Journal Title in Italics*, Vol., No., Page number(s), Month, Year.

Example

[7] G. Pevere, "Infrared Nation", *The International Journal of Infrared Design*, vol. 33, pp. 56-99, Jan. 1979.

Newspaper & Magazine Articles

Format

[Citation Number] Author(s), "Article title in quotation marks," *Newspaper or magazine title in Italics*, Vol., Issue Number (no.), Pages, Month, Year

Example

[8] R. Chui, "How to use IEEE style", *Referencing Monthly*, vol. 27 no. 2, pp 6-10, Mar., 2005.

Bibliography

The following were used in the making of this Quick Guide:

Box Hill Institute: "IEEE Referencing - How to Cite/Quote in Your Assignment" <http://libguides.bhtafe.edu.au/content.php?pid=88814&sid=660920>

IEEE.Org: IEEE Citation Reference <https://www.ieee.org/documents/ieeecitationref.pdf>

American University of Sharjah: IEEE Citation Style <https://aus.libguides.com/c.php?g=299738&p=2001930>

Murdoch University Library: IEEE Style <http://libguides.murdoch.edu.au/IEEE/chapter>