

## English for Engineers – supporting material

Below you will find links to reliable academic and educational sites with freely available content. These sites provide supporting or extra material, tests, and quizzes covering all topics of the book, useful to both teachers and students.

### General resources on the English language

Below is a select list of providers with a relatively broad range of resources and instructional material.

#### University resources / writing centres

- George Mason University (US): <https://writingcenter.gmu.edu/writing-resources/writing-center-quick-guides>
- Academic writing, University of Hull (US): <https://canvas.hull.ac.uk/courses/213>
- Swarthmore University, Philadelphia (US): [www.swarthmore.edu/writing/student-resources](http://www.swarthmore.edu/writing/student-resources)
- Northern Illinois University (US): [www.niu.edu/writingtutorial/index.shtml](http://www.niu.edu/writingtutorial/index.shtml)
- University of Manchester (UK): [www.phrasebank.manchester.ac.uk/](http://www.phrasebank.manchester.ac.uk/)
- Griffith University (AUS): [www.griffith.edu.au/international/englishhelp](http://www.griffith.edu.au/international/englishhelp) (Scroll down)
- University of Toronto (CA): <https://advice.writing.utoronto.ca/>
- English Language Centre at the Hong Kong Polytechnic University: [www2.elc.polyu.edu.hk/cill/default4.htm](http://www2.elc.polyu.edu.hk/cill/default4.htm)
- English resources, at NTNU: [www.ntnu.edu/english-matters](http://www.ntnu.edu/english-matters)
- Writing Centre at SUNY Ulster University (US): <https://libguides.sunyulster.edu/c.php?g=762716&p=6179946>
- Cambridge University Press: [www.cambridgeenglish.org/learning-english/](http://www.cambridgeenglish.org/learning-english/)

#### For profit educational institutions

- Using English for Academic Purposes for Students in Higher Education (UEFAP): [www.uefap.com/index.htm](http://www.uefap.com/index.htm)
- The English Page: [www.englishpage.com/index.html](http://www.englishpage.com/index.html)
- Teaching English (British Council): [www.teachingenglish.org.uk/resources/adults](http://www.teachingenglish.org.uk/resources/adults)
- Education First (EF): [www.ef.com/wwen/english-resources/](http://www.ef.com/wwen/english-resources/)
- There are also other sites with resources and quizzes that you may find useful, such as [www.englishgrammar.org](http://www.englishgrammar.org) - [www.englishclub.com](http://www.englishclub.com) - [www.perfect-english-grammar.com](http://www.perfect-english-grammar.com) - [www.eapfoundation.com/](http://www.eapfoundation.com/) - [www.eltbody.com/](http://www.eltbody.com/) - [www.grammar-quizzes.com/](http://www.grammar-quizzes.com/)
- Grammar, vocabulary and free online practice tests for all levels: [www.examenglish.com](http://www.examenglish.com)
- Tests at all levels: [www.englishtag.com/](http://www.englishtag.com/) and more tests here: [www.ef.com/wwen/english-resources/english-test/](http://www.ef.com/wwen/english-resources/english-test/)

#### Public institutions

- The British Council: <https://learnenglish.britishcouncil.org/>. The British Council is “The United Kingdom's international organisation for cultural relations and educational opportunities”.
- Another useful site is provided by the BBC: [www.bbc.co.uk/learningenglish/basic-grammar](http://www.bbc.co.uk/learningenglish/basic-grammar).

## Writing in Engineering

- Why include writing in engineering courses?  
[https://owl.purdue.edu/owl/teacher\\_and\\_tutor\\_resources/writing\\_in\\_the\\_engineering\\_classroom/index.html](https://owl.purdue.edu/owl/teacher_and_tutor_resources/writing_in_the_engineering_classroom/index.html)
- Writing as an engineer or a scientist, by the *Leonhard Center, Penn State University*, with types of writing, videos, and teaching resources, at <https://www.craftofscientificwriting.org/>
- Plenty of resources on writing for engineers, by *Dalhousie University, the Dalhousie Library*, at <https://dal.ca.libguides.com/c.php?g=257176&p=1718038>
- English for Engineers, by *University of Southampton*:  
[www.youtube.com/channel/UCS5ME54d\\_iJ0cOOZun4ikKQ/featured](http://www.youtube.com/channel/UCS5ME54d_iJ0cOOZun4ikKQ/featured)

## Chapter 1 – Speaking

### Video lessons and YouTube channels

- EngVid: Free video lessons by experienced native speaking teachers on English grammar, vocabulary, pronunciation and more: [www.engvid.com/english-lessons/](http://www.engvid.com/english-lessons/)
- Oxford Online English: [www.youtube.com/channel/UCNbeSPp8RYKmHULiYBUDizg](http://www.youtube.com/channel/UCNbeSPp8RYKmHULiYBUDizg)
- Learning English, by Cambridge University Press: [www.youtube.com/user/cambridgeenglishtv](http://www.youtube.com/user/cambridgeenglishtv)
- Speak Confident English (US): [www.speakconfidentenglish.com](http://www.speakconfidentenglish.com)
- Speak Confident (American) English: [www.youtube.com/channel/UCEFLuo9AR7268-qj1FkmSw](http://www.youtube.com/channel/UCEFLuo9AR7268-qj1FkmSw)

## Chapter 2 – Basic Grammar

### General grammar

- The Purdue University: [https://owl.purdue.edu/owl/general\\_writing/grammar/index.html](https://owl.purdue.edu/owl/general_writing/grammar/index.html)
- The University of Ottawa: <https://arts.uottawa.ca/writingcentre/en/hypergrammar>
- The University of Victoria: <https://continuingstudies.uvic.ca/elc/studyzone>
- Wilfred Laurier University: <https://students.wlu.ca/academics/support-and-advising/writing-support/resources/index.html>
- Northern Illinois University: [www.niu.edu/writingtutorial/grammar/](http://www.niu.edu/writingtutorial/grammar/)
- Swarthmore University: [www.swarthmore.edu/writing/grammar-and-punctuation-0](http://www.swarthmore.edu/writing/grammar-and-punctuation-0)
- The British Council: <https://learnenglish.britishcouncil.org/grammar>
- Education First (EF): <https://www.ef.com/wwen/english-resources/english-grammar/>
- The BBC: [www.bbc.co.uk/learningenglish/basic-grammar](http://www.bbc.co.uk/learningenglish/basic-grammar)
- Cambridge Dictionary: <https://dictionary.cambridge.org/grammar/british-grammar/>
- Merriam-Webster Dictionary: [www.merriam-webster.com/topics/grammar-and-usage](http://www.merriam-webster.com/topics/grammar-and-usage)
- ELT: [www.eltbody.com/grammar-notes](http://www.eltbody.com/grammar-notes)
- Large collection of quizzes: [www.eltbody.com/quizzes](http://www.eltbody.com/quizzes)

Extra material

## Irregular verbs

There are numerous online sites with lists of irregular verbs:

- British Council: <https://learnenglish.britishcouncil.org/grammar/english-grammar-reference/irregular-verbs>
- Purdue University: [https://owl.purdue.edu/owl/general\\_writing/grammar/irregular\\_verbs/index.html](https://owl.purdue.edu/owl/general_writing/grammar/irregular_verbs/index.html)

... or simply search “irregular verb list”.

## Overview of verb tenses

For an overview of English conjugations of verbs, please look up the many resources online, or consult an English grammar. One recommendable free resource is by *EF Education First*, a global education company, at [www.ef.com/wwen/english-resources/english-grammar/verbs/](http://www.ef.com/wwen/english-resources/english-grammar/verbs/)

or *The British Council* at

<https://learnenglish.britishcouncil.org/grammar/english-grammar-reference/verbs>.

## Subject-verb agreement

Online quizzes on subject-verb agreement

- Purdue University: [https://owl.purdue.edu/owl\\_exercises/sentence\\_structure/subject\\_verb\\_agreement/subject\\_verb\\_agreement\\_exercise.html](https://owl.purdue.edu/owl_exercises/sentence_structure/subject_verb_agreement/subject_verb_agreement_exercise.html)
- The English Club: [www.englishclub.com/grammar/subject-verb-agreement-there-is-there-are-quiz.htm](http://www.englishclub.com/grammar/subject-verb-agreement-there-is-there-are-quiz.htm)
- Government of Canada: [www.noslangues-ourlanguages.gc.ca/en/jeu-quiz/grammaire-grammar-eng](http://www.noslangues-ourlanguages.gc.ca/en/jeu-quiz/grammaire-grammar-eng)
- Northern Illinois University: [www.niu.edu/writingtutorial/grammar/subject-verb-agreement.shtml](http://www.niu.edu/writingtutorial/grammar/subject-verb-agreement.shtml)

## Aspects of past tense and continuous

Quizzes and resources

- The English Club: [www.englishclub.com/grammar/verb-tenses.htm](http://www.englishclub.com/grammar/verb-tenses.htm)  
Quizzes for each category at the end.
- Perfect English Grammar: [www.perfect-english-grammar.com/past-simple-past-continuous-exercise-1.html](http://www.perfect-english-grammar.com/past-simple-past-continuous-exercise-1.html)
- English Grammar: [www.englishgrammar.org/present-continuous-vs-past-continuous/](http://www.englishgrammar.org/present-continuous-vs-past-continuous/)
- English Grammar: [www.englishgrammar.org/tenses-exercise-38/](http://www.englishgrammar.org/tenses-exercise-38/)
- The English Page: [www.englishpage.com/verbpage/verbtenseintro.html](http://www.englishpage.com/verbpage/verbtenseintro.html)
- Purdue University: [https://owl.purdue.edu/owl\\_exercises/grammar\\_exercises/index.html](https://owl.purdue.edu/owl_exercises/grammar_exercises/index.html)
- The Canadian Government: [www.noslangues-ourlanguages.gc.ca/en/quiz/jeu-quiz-verb-tenses-1-eng](http://www.noslangues-ourlanguages.gc.ca/en/quiz/jeu-quiz-verb-tenses-1-eng)

Extra material

## Gerunds

- The English Page: [www.englishpage.com/gerunds/index.htm](http://www.englishpage.com/gerunds/index.htm)
- ELT Base: [www.eltbase.com/quiz/037\\_01.htm](http://www.eltbase.com/quiz/037_01.htm)
- English Grammar: [www.englishgrammar.org/gerund-or-infinitive/](http://www.englishgrammar.org/gerund-or-infinitive/)
- Portland State University: [http://web.pdx.edu/~i6my/ng2/gerinf\\_quizexamples.html](http://web.pdx.edu/~i6my/ng2/gerinf_quizexamples.html)

## Adverbs and adjectives

Online exercises and quizzes on adverbs and adjectives

- Adjective order, at University of Victoria: <https://continuingstudies.uvic.ca/elc/studyzone/410/grammar/adjord>
- B1 level, at Exam English LTD: [www.examenglish.com/grammar/b1\\_adverbs.htm](http://www.examenglish.com/grammar/b1_adverbs.htm)
- B1 level, at The English Club: [www.englishclub.com/grammar/adverbs\\_quiz.htm](http://www.englishclub.com/grammar/adverbs_quiz.htm)
- A2 level, at Your Dictionary: <https://grammar.yourdictionary.com/for-teachers/adverb-quiz.html>
- Adverb or adjective? at Using English LTD [www.usingenglish.com/quizzes/33.html](http://www.usingenglish.com/quizzes/33.html)
- B1-B2 level, at Test English: <https://test-english.com/grammar-points/b1-b2/position-of-adverbs/>
- B2 level order of adverb in sentence, at English revealed: [www.englishrevealed.co.uk/FCE/fce\\_grammar/adverb\\_order.php](http://www.englishrevealed.co.uk/FCE/fce_grammar/adverb_order.php)

## Prepositions

Resources, tests, and quizzes

- Purdue University: [https://owl.purdue.edu/owl\\_exercises/grammar\\_exercises/prepositions/prepositions\\_of\\_direction\\_exercise.html](https://owl.purdue.edu/owl_exercises/grammar_exercises/prepositions/prepositions_of_direction_exercise.html)
- The Canadian Government: [www.noslangues-ourlanguages.gc.ca/en/quiz/jeu-quiz-pesky-prepositions-1-eng](http://www.noslangues-ourlanguages.gc.ca/en/quiz/jeu-quiz-pesky-prepositions-1-eng)
- The English Page: [www.englishpage.com/prepositions/prepositions.html](http://www.englishpage.com/prepositions/prepositions.html)
- English Grammar: [www.englishgrammar.org/prepositions-quiz-4/](http://www.englishgrammar.org/prepositions-quiz-4/)
- English Intro: [www.englishintro.com/test\\_work-prepositions-intermediate.html](http://www.englishintro.com/test_work-prepositions-intermediate.html)
- ESL Café: <https://www.eslcafe.com/resources/quiz/preposition-quiz-3-by-dennis-oliver>

## Ambiguous and vague language

Resources, tests, and quizzes

- Cedarville University Writing Center: [www.cedarville.edu/-/media/Files/PDF/Writing-Center/Student/avoiding-vague-and-ambiguous-pronoun-references.pdf](http://www.cedarville.edu/-/media/Files/PDF/Writing-Center/Student/avoiding-vague-and-ambiguous-pronoun-references.pdf)
- University of South Florida: <https://smcampus.usf.edu/wp-content/uploads/2013/09/vague-pronoun-reference.pdf>
- Townson University: <https://webapps.towson.edu/ows/SelfTeachingUnits/PronounReferenceExercise1.aspx>

Extra material

## As or like

These sites contain quizzes on as/like

- Learn English: <https://learnenglish.britishcouncil.org/grammar/b1-b2-grammar/as-and-like>
- Grammar Quizzes: <https://www.grammar-quizzes.com/like-as.html>

## Typical errors

Tests and resources online that cover some additional common errors in English

- Common grammar mistakes, by Oxford International English Schools: [www.oxfordinternationalenglish.com/common-english-grammar-mistakes](http://www.oxfordinternationalenglish.com/common-english-grammar-mistakes)
- Commonly confused words, by English-as-a-second-language (7ESL): <https://7esl.com/commonly-confused-words/>
- Punctuation errors, by Spokane Community College: [https://scc.spokane.edu/SCCPublicShare/Tips/d\\_t4s\\_0\\_Common\\_Punctuation\\_Errors.pdf](https://scc.spokane.edu/SCCPublicShare/Tips/d_t4s_0_Common_Punctuation_Errors.pdf)
- Punctuation in general, by Northern Illinois University: [www.niu.edu/writingtutorial/punctuation/quizzes/PunctuationSelfTest.htm](http://www.niu.edu/writingtutorial/punctuation/quizzes/PunctuationSelfTest.htm)

## Further reading – extra material

### Parallelism

Additional online quizzes on parallelism and tense consistency

- Purdue University: [https://owl.purdue.edu/owl\\_exercises/grammar\\_exercises/tense\\_consistency/index.html](https://owl.purdue.edu/owl_exercises/grammar_exercises/tense_consistency/index.html)
- The Government of Canada: [www.noslangues-ourlangues.gc.ca/en/jeu-quiz/grammaire-grammar-eng](http://www.noslangues-ourlangues.gc.ca/en/jeu-quiz/grammaire-grammar-eng)
- Northern Illinois University: [www.niu.edu/writingtutorial/grammar/parallelism.shtml](http://www.niu.edu/writingtutorial/grammar/parallelism.shtml)
- Northern Illinois University: [www.niu.edu/writingtutorial/grammar/pronoun-agreement.shtml](http://www.niu.edu/writingtutorial/grammar/pronoun-agreement.shtml)

## Chapter 3 – Sentences and Paragraphs

### Resources on Sentence Fragments

- Sentence fragments, by *Northern Illinois University*: [www.niu.edu/writingtutorial/punctuation/sentence-fragments.shtml](http://www.niu.edu/writingtutorial/punctuation/sentence-fragments.shtml)
- Sentence fragments, by *Trent University*: [www.trentu.ca/academicsskills/how-guides/how-edit-your-writing/grammar-and-style/sentence-structure#Fragments](http://www.trentu.ca/academicsskills/how-guides/how-edit-your-writing/grammar-and-style/sentence-structure#Fragments)
- Subordinate clauses, by *Purdue University*: [https://owl.purdue.edu/owl/general\\_writing/punctuation/independent\\_and\\_dependent\\_clauses/index.html](https://owl.purdue.edu/owl/general_writing/punctuation/independent_and_dependent_clauses/index.html)

Extra material

## Order of modifiers

Quizzes, examples, and resources

- UEFAP: [www.uefap.com/grammar/exercise/noun/nomgpex4.htm](http://www.uefap.com/grammar/exercise/noun/nomgpex4.htm)
- Oxford Dictionary: <https://dictionary.cambridge.org/grammar/british-grammar/adjectives-order>
- English Grammar 101: [www.englishgrammar101.com/module-6/modifiers-adjectives-and-adverbs/lesson-4/order-of-adjectives](http://www.englishgrammar101.com/module-6/modifiers-adjectives-and-adverbs/lesson-4/order-of-adjectives)
- Grammar Quizzes: [www.grammar-quizzes.com/adj\\_order.html](http://www.grammar-quizzes.com/adj_order.html) (scroll down for the quiz)

## Resources on relative clauses

- EF: [www.ef.com/wwen/english-resources/english-grammar/relative-clauses](http://www.ef.com/wwen/english-resources/english-grammar/relative-clauses)
- Perfect English Grammar: <https://www.perfect-english-grammar.com/relative-clauses.html>
- Rochester Institute of Technology: <https://www.rit.edu/ntid/sea/processes/relative/intro>
- University of North Carolina: <https://writingcenter.unc.edu/tips-and-tools/relative-clauses/>

## Resources on sentences

- Writing complex sentences by New South Wales Government - Education: <https://education.nsw.gov.au/teaching-and-learning/student-assessment/smart-teaching-strategies/literacy/writing/stage-3/sentence-structure/writing-complex-sentences>
- Relative clauses, by Northern Illinois University: <https://www.niu.edu/writingtutorial/grammar/relative-clauses.shtml>

## Chapter 4 – Language and Style

### Slang in general English

- Glossary of slang with examples and quizzes, at [www.englishclub.com/ref/Slang](http://www.englishclub.com/ref/Slang)
- The online slang dictionary: <http://onlineslangdictionary.com/>

### Slang and jargon in the workplace

Collections of slang and jargon. Remember that slang is very often national, regional, local, or even limited to individual workplaces. It does, in general, not travel far.

- List of slang in construction building, at Designing Buildings [www.designingbuildings.co.uk/wiki/Glossary\\_of\\_construction\\_slang\\_and\\_other\\_terms](http://www.designingbuildings.co.uk/wiki/Glossary_of_construction_slang_and_other_terms)
- Another list of jargon at McGinley (US): [www.mcginley.co.uk/news/do-you-know-your-engineering-jargon/bp226/](http://www.mcginley.co.uk/news/do-you-know-your-engineering-jargon/bp226/)
- Glossary of oil field jargon, at Wikipedia: [https://en.wikipedia.org/wiki/Glossary\\_of\\_oilfield\\_jargon](https://en.wikipedia.org/wiki/Glossary_of_oilfield_jargon)
- <https://oilandgasinfo.ca/patchworks/lingo-in-the-oilpatch-2/>
- For slang in computer science/engineering, search “computer science slang”

Extra material

## Exercise – From Slang to Terminology

Listen to an episode of the YouTuber Alexander Vargas talk about cars. We recommend the episode “Everything you need to know about cars” at [www.youtube.com/watch?v=Noo0YfdbxaM](http://www.youtube.com/watch?v=Noo0YfdbxaM), but you may choose a different video from his channel [www.youtube.com/c/AlexanderVargasAVbuilt](http://www.youtube.com/c/AlexanderVargasAVbuilt).

- Take down examples of both domain specific terminology and casual language.
- List and explain.

## General English

- 2000 general English word list with exercises by: <https://www.englishvocabularyexercises.com/subcategories/0zWuF8q0eHkINDFZJAH9>
- 3000 most common words in English (both general and academic), according to EF: [www.ef.com/wwen/english-resources/english-vocabulary/top-3000-words](http://www.ef.com/wwen/english-resources/english-vocabulary/top-3000-words)
- 3000 most important words according to Britannica (both general and academic): <https://www.britannica.com/dictionary/eb/3000-words>

## Resources on style and vocabulary

Video presentations on YouTube.

Useful video presentations from *English for Engineers* at University of Southampton:

- About style and vocabulary: [www.youtube.com/watch?v=zDWuaH6TqbU](http://www.youtube.com/watch?v=zDWuaH6TqbU)
- On writing style: [www.youtube.com/watch?v=JCo0BNzu6IM](http://www.youtube.com/watch?v=JCo0BNzu6IM) and [www.youtube.com/watch?v=-XyWs3oBSYU](http://www.youtube.com/watch?v=-XyWs3oBSYU)
- Video presentation on academic vocabulary and discipline-specific vocabulary explained, by Griffith University: [www.griffith.edu.au/international/englishhelp/academic-vocabulary](http://www.griffith.edu.au/international/englishhelp/academic-vocabulary)

## Academic vocabulary online resources

- Academic word list by Oxford Learner’s Dictionary: [www.oxfordlearnersdictionaries.com/wordlist/academic/academic/](http://www.oxfordlearnersdictionaries.com/wordlist/academic/academic/)
- Academic word list by Encyclopædia Britannica: [www.britannica.com/dictionary/eb/3000-words/alpha/a](http://www.britannica.com/dictionary/eb/3000-words/alpha/a)
- Oxford Learner’s Dictionary and Britannica features links from each entry to a dictionary.
- A comprehensive collection of academic word lists, at Victoria University of Wellington: [www.wgtn.ac.nz/lals/resources/academicwordlist](http://www.wgtn.ac.nz/lals/resources/academicwordlist)
- Academic word list, at UEFAP: [www.uefap.com/vocab/vocfram.htm](http://www.uefap.com/vocab/vocfram.htm)
- Vocabulary building using affixes, at UEFAP: [www.uefap.com/vocab/vocfram.htm](http://www.uefap.com/vocab/vocfram.htm)

## Online academic vocabulary tests, university level

- Vocabulary test by Tom Cobb at Quebec University: [www.lexutor.ca/tests/levels/productive/uwla.html](http://www.lexutor.ca/tests/levels/productive/uwla.html)
- Many exercises: <https://www.englishvocabularyexercises.com/subcategories/0zWuF8q0eHkINDFZJAH9>

## Extra material

- Exercises in use of academic vocabulary, at UEFAP: [www.uefap.com/vocab/vocfram.htm](http://www.uefap.com/vocab/vocfram.htm)
- Lists and exercises at English Vocabulary Exercises: [www.englishvocabularyexercises.com/academic-word-list/index.html](http://www.englishvocabularyexercises.com/academic-word-list/index.html)

## Domain specific vocabulary online for engineers

- Glossary Of Nautical Terms & References, by the Canadian Coast Guard: <https://ccga-pacific.org/files/library/Chap11Eng.pdf>
- Ship and boat building terms, by International Institute of Marine Surveying: <https://www.iims.org.uk/wp-content/uploads/2014/03/Glossary-of-ship-and-boat-building-terms.pdf>
- English for engineers, at University of Southampton: [www.southampton.ac.uk/englishforengineers/](http://www.southampton.ac.uk/englishforengineers/)
- Civil engineering terms by British Standard: <https://geotechnicaldesign.info/download/bs6100-3-2007.pdf>
- Computer science glossary by Isaac Computer Science: <https://isaaccomputerscience.org/glossary?examBoard=all&stage=all>
- Mechanical engineering terms and definitions: <https://engineeringinterviewquestions.com/mechanical-engineering-terms-definitions-terminology-meanings/>
- The Automation Glossary, by Jolt: [www.joltag.com/the-rpa-and-automation-glossary](http://www.joltag.com/the-rpa-and-automation-glossary)
- Physics terms by Boomeria: <http://boomeria.org/physicstextbook/physglossary.html>

## Passive voice: online resources and exercises

- My English Pages: [www.myenglishpages.com/english/grammar-exercise-passive.php](http://www.myenglishpages.com/english/grammar-exercise-passive.php)
- Oxford University Press: <https://elt.oup.com/student/project/level5/unit05/grammar/?cc=no&selLanguage=en>
- ELT Base: <https://www.eltbody.com/18-passive-voice>
- Grammar-Quizzes: [www.grammar-quizzes.com/passivesum.html](http://www.grammar-quizzes.com/passivesum.html)

## Resources on hedging

- Cautious language, by University of Manchester: [www.phrasebank.manchester.ac.uk/using-cautious-language](http://www.phrasebank.manchester.ac.uk/using-cautious-language)
- Hedging in Academic Writing, by Birkbeck University of London: [https://www-di.inf.puc-rio.br/~endler/students/Hedging\\_Handout.pdf](https://www-di.inf.puc-rio.br/~endler/students/Hedging_Handout.pdf)
- Hedging – with test, by University of Bristol: [http://www-di.inf.puc-rio.br/~endler/students/Hedging\\_Handout.pdf](http://www-di.inf.puc-rio.br/~endler/students/Hedging_Handout.pdf)

## Resources on referring to sources

- Language when referring to sources, by Manchester University: [www.phrasebank.manchester.ac.uk/referring-to-sources](http://www.phrasebank.manchester.ac.uk/referring-to-sources)
- Citing sources, by UEFAP: [www.uefap.com/writing/citation/citefram.htm](http://www.uefap.com/writing/citation/citefram.htm)
- Verbs for referring to sources, by University of Toronto: <https://advice.writing.utoronto.ca/english-language/referring-to-sources/>



## Extra material

- Hedging, Softening, and Writer's Distance, by San José State University Writing Center: <https://www.sjsu.edu/writingcenter/docs/handouts/Hedging-Softening-Distance.pdf>

## Science journals

Here are a few of the most influential journals relevant to technology and engineering:

- Nature: <https://www.nature.com/>
- Science: <https://www.science.org/>
- Journal of Engineering Science and Technology: <https://jestec.taylors.edu.my/>
- European Journal of Computational Mechanics: <https://journals.riverpublishers.com/index.php/EJCM/index>
- IEEE (various publications, such as in computer science): [www.ieee.org/publications/](http://www.ieee.org/publications/)
- Energy, Science & Engineering: <https://onlinelibrary.wiley.com/journal/20500505>

## Chapter 5 – The essay

### Resources on essay writing

- Purdue University: [https://owl.purdue.edu/owl/general\\_writing/academic\\_writing/essay\\_writing/argumentative\\_essays.html](https://owl.purdue.edu/owl/general_writing/academic_writing/essay_writing/argumentative_essays.html)
- University of Hull: <https://canvas.hull.ac.uk/courses/213>
- Northern Illinois University: [www.niu.edu/writingtutorial/organization/index.shtml](http://www.niu.edu/writingtutorial/organization/index.shtml)
- University of North Carolina, Writing Center: <https://writingcenter.unc.edu/tips-and-tools/>
- Trent University, at [www.trentu.ca/academicskills/how-guides/how-write-university](http://www.trentu.ca/academicskills/how-guides/how-write-university)
- Essay writing for engineering students – recommendations and videos, at University of Southampton: [www.southampton.ac.uk/englishforengineers/understanding\\_assessed\\_tasks/essays/index.page](http://www.southampton.ac.uk/englishforengineers/understanding_assessed_tasks/essays/index.page)
- Purdue University, academic writing for engineers: [https://owl.purdue.edu/owl/teacher\\_and\\_tutor\\_resources/writing\\_in\\_the\\_engineering\\_classroom/index.html](https://owl.purdue.edu/owl/teacher_and_tutor_resources/writing_in_the_engineering_classroom/index.html)
- Writing guide for engineering students, by Utah State University: <https://engineering.usu.edu/students/ewc/writing-resources/technical-writing-standards>
- Lots of resources on writing for engineers, by Dalhousie University, Dalhousie Library: <https://dal.ca/libguides.com/c.php?g=257176&p=1718038>
- Check list and resources from NSW Government website on education: <https://education.nsw.gov.au/parents-and-carers/learning/english/english-a-to-z-support-pages/essay-writing-what-is-an-essay>
- Check list and advice on essay writing at postgraduate level: <https://intranet.birmingham.ac.uk/as/libraryservices/library/asc/documents/public/pgtwritingconcisely.pdf>
- Concise writing, and avoid common pitfalls at Purdue Writing Lab: [https://owl.purdue.edu/owl/general\\_writing/academic\\_writing/conciseness/index.html](https://owl.purdue.edu/owl/general_writing/academic_writing/conciseness/index.html)
- Academic writing Check list by Warwick University: [https://warwick.ac.uk/fac/soc/al/globalpad-rip/openhouse/academicenglishskills/writing/conclusions/academic\\_writing\\_checklist\\_v2.pdf](https://warwick.ac.uk/fac/soc/al/globalpad-rip/openhouse/academicenglishskills/writing/conclusions/academic_writing_checklist_v2.pdf)

## Chapter 6 – Writing in the Workplace

### Why writing is important for an engineer

These are two good introductions to the reasons engineers need to be able to produce good quality technical writing, and how.

- Technical Writing for Engineers [*The Ultimate Guide & Course*], by Tom Dupuis: <https://www.instructionalsolutions.com/blog/technical-writing-engineers>
- Introduction to workplace writing, by Julie Gerdes in *Writing Commons*: <https://writingcommons.org/section/writing-studies-definition/workplace-writing/>

### Online resources on writing formal letters

Useful templates on the format, design, and layout of formal letters

- How to write a professional email in 6 steps, by *Indeed.com*: [www.indeed.com/career-advice/career-development/how-to-write-a-professional-email](http://www.indeed.com/career-advice/career-development/how-to-write-a-professional-email)
- Video on formal and informal letters, by Emma at *Engvid.com*: [www.youtube.com/watch?v=PgwmAUJx248](http://www.youtube.com/watch?v=PgwmAUJx248)
- Writing the basic business letter, by *Purdue University*: [https://owl.purdue.edu/owl/subject\\_specific\\_writing/professional\\_technical\\_writing/basic\\_business\\_letters/index.html](https://owl.purdue.edu/owl/subject_specific_writing/professional_technical_writing/basic_business_letters/index.html)

### Writing emails – rules and etiquette

- How to write a proper email, by Devon Delfino at *Grammarly.com*: [www.grammarly.com/blog/email-writing-tips/](http://www.grammarly.com/blog/email-writing-tips/)
- Writing formal emails in English. Scroll down for examples, at *WallStreetEnglish*: [www.wallstreetenglish.com/blog/how-to-write-formal-emails-in-english](http://www.wallstreetenglish.com/blog/how-to-write-formal-emails-in-english)
- A three-step guide to write an informal email at level B2, by *Oxford House Language Courses*: <https://oxfordhousebcn.com/en/how-to-write-a-b2-first-informal-email-letter/>

### More resources on writing instructions

- How to write an instruction manual, by *Swipeguide.com*, a specialist in digital work instructions: [www.swipeguide.com/insights/how-to-write-manual-work-instructions](http://www.swipeguide.com/insights/how-to-write-manual-work-instructions)
- This is a video by ELC open online courses on how to write instruction manuals: [www.youtube.com/watch?v=zGBk21hzYfk](http://www.youtube.com/watch?v=zGBk21hzYfk)
- Here is another very useful guide in 13 steps from *Yourdictionary.com*: <https://www.yourdictionary.com/articles/user-manuals>

### Examples of assembly instructions

- **Easy:** Jacking up a car: step-by-step, by *The Times*: [www.driving.co.uk/car-clinic/haynes-how-to/jack-car/](http://www.driving.co.uk/car-clinic/haynes-how-to/jack-car/)

## Extra material

- **Intermediate:** Wooden wind-mill from *Outdoor Water Solutions*: <https://outdoorwatersolutions.com/wp-content/uploads/2019/07/WoodWindmillManual2012small.pdf>
- **Advanced:** *Vention*, a company that manufactures automation platforms: <https://vention.io/resources/video-tutorials>

## Writing an assembly instruction – exercise

Below are drawings of objects or simple assembly instructions. Choose one of them and “translate” the drawings to a written instruction. Use correct terminology and technical language. See Box 6.7.

- **Easy:** Write an assembly instruction for the IKEA “Jokkmokk” kitchen table: <https://usermanual.wiki/Ikea/IkeaJokkmokkTableAssemblyInstruction.469490677/view>
- **Medium:** Write an installation guide for car moldings: [www.mycartrim.com/installation](http://www.mycartrim.com/installation)
- **Difficult:** Write a construction and user manual for a trebuchet: <https://commons.wikimedia.org/wiki/File:Treb6.png>  
(For a quick explanation of how the trebuchet works, see *How stuff works*, at <https://history.howstuffworks.com/european-history/trebuchet.htm>)

## Summaries – resources and examples

- How to write a summary in 5 steps, with examples, by *scribbr.com*: [www.scribbr.com/working-with-sources/how-to-summarize/](http://www.scribbr.com/working-with-sources/how-to-summarize/)
- How to write a formal summary, by *Monterey Peninsula College*: [www.mpc.edu/home/showdocument?id=28714](http://www.mpc.edu/home/showdocument?id=28714)

## Resources on note-taking

There is a plethora of resources on this topic.

- The 4 Best Note-Taking Strategies You Can Use Right Now, by ClickUp Blog: <https://clickup.com/blog/note-taking-strategies/>
- Common Note-taking Methods by University of Tennessee at Chattanooga (utc.edu): <https://www.utc.edu/enrollment-management-and-student-affairs/center-for-academic-support-and-advisement/tips-for-academic-success/note-taking>
- *Sketchnoting* or *graphic notes* (the use of words and sketches together in note taking), an introduction here by Paige Tutt at *Edutopia*: [www.edutopia.org/article/how-and-why-introduce-visual-note-taking-your-students](http://www.edutopia.org/article/how-and-why-introduce-visual-note-taking-your-students) – and some nice examples by *Teachthought University* at: [www.teachthought.com/literacy/sketch-notes](http://www.teachthought.com/literacy/sketch-notes)

## Minutes from meetings

- A good introduction to writing minutes from meetings, by *Jobs.ac.uk, University of Warwick*: <https://career-advice.jobs.ac.uk/academic/writing-meeting-minutes/>
- A sample meeting minute from *Augusta University*, at [www.augusta.edu/student-life/organizations/documents/samplemeetingminutes2020.pdf](http://www.augusta.edu/student-life/organizations/documents/samplemeetingminutes2020.pdf)

## Extra material

### Presentations related to mechanical engineering

- Dr. Peter Cumber introduces the content and structure of Mechanical Engineering degree programmes at *Heriot-Watt University*: [www.youtube.com/watch?v=TDflwOZfHbQ](http://www.youtube.com/watch?v=TDflwOZfHbQ)
- Introduction to studying mechanical engineering by YouTuber *Zach Star* at: [www.youtube.com/watch?v=W74y1RxN6BA](http://www.youtube.com/watch?v=W74y1RxN6BA)
- A presentation on when and how man will land on Mars, a TED talk by Stephen Petranek at: [https://www.ted.com/talks/stephen\\_petranek\\_your\\_kids\\_might\\_live\\_on\\_mars\\_here\\_s\\_how\\_they\\_ll\\_survive?referrer=playlist-why\\_yes\\_actually\\_it\\_is\\_rocket&autoplay=true](https://www.ted.com/talks/stephen_petranek_your_kids_might_live_on_mars_here_s_how_they_ll_survive?referrer=playlist-why_yes_actually_it_is_rocket&autoplay=true)

### Resources on presentations in general

- Giving presentations, by *Oxford Online English*: [www.youtube.com/watch?v=fzlxD1jXn44](http://www.youtube.com/watch?v=fzlxD1jXn44)
- How to make advanced technical presentations, by MITMECHE Communication lab, Massachusetts Institute of Technology, at: <https://mitcommlab.mit.edu/meche/commkit/technical-presentation/>
- Guide to PowerPoint, at *Microsoft support* (English): <https://support.microsoft.com/en-us/office/powerpoint-for-windows-training-40e8c930-cb0b-40d8-82c4-bd53d3398787>
- Guide to PowerPoint, at *Microsoft support* (Norwegian): <https://support.microsoft.com/nb-no/office/oppl%C3%A6ring-i-powerpoint-for-windows-40e8c930-cb0b-40d8-82c4-bd53d3398787>

### Guides and templates on poster composition

- Making posters with PowerPoint, a step-by-step guide by *Washington State University*: <https://posters.wsu.edu/making-posters-with-powerpoint/>
- Download templates from the same source here: <https://posters.wsu.edu/poster/#templates>
- Or download PowerPoint poster templates from [www.posterpresentations.com/free-poster-templates.html](http://www.posterpresentations.com/free-poster-templates.html)
- Here is a YouTube video explaining how to make a poster with PowerPoint, by Karina Adcock: <https://www.youtube.com/watch?v=WnholbfcoM>
- On how to use functions in PowerPoint, see: <https://support.microsoft.com/en-us/office/powerpoint-for-windows-training-40e8c930-cb0b-40d8-82c4-bd53d3398787>
- Examples of civil engineering students' poster presentation: <https://www.civilengineerspk.com/poster-presentation-2011-2015/>
- Award-winning student posters from *Iowa State University, College of Engineering*: <http://www.engineering.iastate.edu/engrhonors/award-winning-honors-project-presentations/>