

## Mechanical Engineering Vocabulary

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### Mechanical Engineering Vocabulary

Mechanical engineering – Mechanical equilibrium – Mechanical work – Mechanics – Mechanochemistry – Mechanosynthesis – Mechatronics – Microelectromechanical systems – Micromachinery – Microprocessor – Microtechnology – Modulus of rigidity--Molecular assembler – Molecular nanotechnology – Moment – Moment of inertia – Motorcycle –

### Glossary of mechanical engineering - Wikipedia

the substance that goes into the makeup of a physical object. mechanical advantage. the ratio of the force exerted by a machine to the force applied to it. mechanical engineering. the branch of engineering that deals with the design and construction and operation of machinery. mechanism.

### Mechanical Engineering - Vocabulary List : Vocabulary.com

Less. Over 7,400 entries. This new Dictionary provides definitions and explanations for mechanical engineering terms in the core areas of design, stress analysis, dynamics and vibrations, thermodynamics, and fluid mechanics, in over 7,400 clear and concise A to Z entries, many illustrated. Topics covered include heat transfer, combustion, control, lubrication, robotics, instrumentation, and measurement.

### Dictionary of Mechanical Engineering - Oxford Reference

100 Basic Terms For Mechanical Engineering ( PDF DOWNLOAD ) 1.Torque or Turning Force: It is the total amount of force which is required to create acceleration on moving substance. 2.Couple: Two forces those acts on equally,parallely & oppositely on two separate points of same material. 3.Mass : The ...

### 100 Basic Terms For Mechanical Engineering ( PDF DOWNLOAD )

Common Mechanical Engineering Terms Ball and Detent (n) A simple mechanical arrangement used to hold a moving part in a temporarily fixed position relative to another part. The ball slides within a bored cylinder, against the pressure of a spring, which pushes the ball against the detent, a hole of smaller diameter than the ball.

### Common Mechanical Engineering Terms

Mechanical engineering. mechanical engineering. links. What are the 4 (/8) characteristics of l.... direct link. A branch of engineering that focuses on the design, production.... Mechanical function performed by any component that connects d.... direct/indirect... rigid/flexible... removable/non removable... complet....

### vocabulary mechanical engineering Flashcards and Study ...

mechanical engineering: 1 n the branch of engineering that deals with the design and construction and operation of machinery Types: tribology the branch of engineering that deals with the interaction of surfaces in relative motion (as in bearings or gears): their design and friction and wear and lubrication Type of: applied science , ...

### mechanical engineering - Dictionary Definition ...

Technical English (micrometres) explains in both written and spoken form how to use one of the most important tools in Engineering. It is structured to introduce words in context, which is proven as the best way to learn new vocabulary. From the text certain words are highlighted, these become the focus words and form the core of the learning.

### English Vocabulary for Mechanical Engineering workplace ...

Mechanical engineers. Develop and maintain machinery. It's easy to transition into an English-speaking Engineering job when you know the terms.

### English Engineering Vocabulary | Kaplan International Blog

Mechanical advantage. Mechanical engineering. Mechanical filter. Mechanical wave. Mechanics. Mechanism. Median. Melting. Melting point. Meson. Metal alloy. Metallic bond. Middle-out A combination of top-down and bottom-up design. Mid-range. Midhinge. Mining engineering. Miller indices. Mobile robot. Mode. Modulus of elasticity. Mohr's circle

### Glossary of engineering - Wikipedia

mechanical engineering the branch of engineering that deals with the design and construction and operation of machinery mechanical engineer a person trained to design and construct

## Get Free Mechanical Engineering Vocabulary

machines chemical engineering the branch of engineering that is concerned with the design and construction and operation of the plants and machinery used in industrial chemical processes

The World's Fastest Dictionary : Vocabulary.com

Dictionary of automotive engineering December 19, 2018 October 12, 2020 Admin 1 Comment To view this content, you must be a member of Mechanical's Patreon at \$1 or more

Dictionary of automotive engineering - Mechanical Engineering

Definition of mechanical engineering. : a branch of engineering concerned primarily with the industrial application of mechanics and with the production of tools, machinery, and their products. Other Words from mechanical engineering Example Sentences Learn More about mechanical engineering. Keep scrolling for more.

Mechanical Engineering | Definition of Mechanical ...

In over 8,500 clear and concise A to Z entries, it provides definitions and explanations for mechanical engineering terms in the core areas of design, stress analysis, dynamics and vibrations, thermodynamics, and fluid mechanics. Topics covered include heat transfer, combustion, control, lubrication, robotics, instrumentation, and measurement.

A Dictionary of Mechanical Engineering (Oxford Quick ...

mechanical engineering definition: 1. the study of the design and production of machines 2. the study of the design and production of.... Learn more.

MECHANICAL ENGINEERING - Cambridge Dictionary

Commutator: An assembly of insulated conducting segments connected to the rotating armature winding. Concentric Winding: A distributed winding in which the individual coils of each phase group per pole are concentric and have different coil spans. Conductor: A material which contains movable electrical charges.

Glossary of Terms for Motor Design & Mechanical Engineers

mechanical: 1 adj using (or as if using) mechanisms or tools or devices “ a mechanical process ” “ his smile was very mechanical ” “ a mechanical toy ” Synonyms: automatic , automatonlike , machinelike , robotic , robotlike resembling the unthinking functioning of a machine mechanic resembling the action of a machine mechanistic explained in terms ...

mechanical - Dictionary Definition : Vocabulary.com

R. S. T. U. V. W. X. Y. Z.

The Combinatory vocabulary of CAD-CAM in mechanical engineering, ' or, computer-aided design and manufacturing in machining, is to compile the phraseologisms of a coherent set of mostly standardized terms that are commonly used by specialists in the field. This pilot research does not provide an exhaustive list of terms. The dictionary gives a user's guide, the detailed French-English vocabulary, and a short English-French glossary to access terms in the main list.

A Dictionary of Mechanical Engineering is one of the latest additions to the market leading Oxford Paperback Reference series. In over 8,500 clear and concise A to Z entries, it provides definitions and explanations for mechanical engineering terms in the core areas of design, stress analysis, dynamics and vibrations, thermodynamics, and fluid mechanics. Topics covered include heat transfer, combustion, control, lubrication, robotics, instrumentation, and measurement. Where relevant, the dictionary also touches on related subject areas such as acoustics, bioengineering, chemical engineering, civil engineering, aeronautical engineering, environmental engineering, and materials science. Useful entry-level web links are listed and regularly updated on a dedicated companion website to expand the coverage of the dictionary. Cross-referenced and including many line drawings, this excellent new volume is the most comprehensive and authoritative dictionary of its kind. It is an essential reference for students of mechanical engineering and for anyone with an interest in the subject.

With a focus on electromechanical systems in a variety of fields, this accessible introductory text brings you coverage of the full range of electrical mechanical devices used today. You'll gain a comprehensive understanding of the design process and get valuable insights into good design practice. UNDERSTANDING ELECTROMECHANICAL ENGINEERING will be of interest to anyone in need of a non-technical, interdisciplinary introduction to the thriving field of mechatronics.

A Dictionary of Mechanical Engineering is one of the latest additions to the market leading Oxford Paperback Reference series. In over 8,500 clear and concise alphabetical entries, and with many helpful line drawings, it provides definitions and explanations for mechanical engineering terms in the core areas of design, stress analysis, dynamics and vibrations, thermodynamics, and fluid mechanics. Topics covered include heat transfer, combustion, control, lubrication, robotics, instrumentation, and measurement. Where relevant, the dictionary also touches on related subject areas such as acoustics, bioengineering, chemical engineering, civil engineering, aeronautical engineering, environmental engineering, and materials

science. To expand its coverage, the dictionary also lists useful entry-level web links which are regularly updated on a dedicated companion website of the dictionary. Extensively cross-referenced, this excellent new volume is the most comprehensive and authoritative dictionary of its kind. It is an essential reference for students of mechanical engineering and for anyone with an interest in the subject.

Dictionary of Automotive Engineering provides a definition of terms used in automotive engineering. The coverage of the dictionary includes words, terms, and slangs that have an automotive connotation. The book also provides illustrations to help clarify some meaning. The text will be of great use to both novice and experienced automotive engineers.

English for Mechanical Engineering in Higher Education Studies The Garnet Education English for Specific Academic Purposes series won the Duke of Edinburgh English Speaking Union English Language Book Award in 2009. English for Mechanical Engineering is a skills-based course designed specifically for students of mechanical engineering who are about to enter English-medium tertiary level studies. It provides carefully graded practice and progressions in the key academic skills that all students need, such as listening to lectures and speaking in seminars. It also equips students with the specialist mechanical engineering language they need to participate successfully within a mechanical engineering faculty. Extensive listening exercises come from mechanical engineering lectures, and all reading texts are taken from the same field of study. There is also a focus throughout on the key mechanical engineering vocabulary that students will need. Listening: how to understand and take effective notes on extended lectures, including how to follow the argument and identify the speaker's point of view. Speaking: how to participate effectively in a variety of realistic situations, from seminars to presentations, including how to develop an argument and use stance markers. Reading: how to understand a wide range of texts, from academic textbooks to Internet articles, including how to analyze complex sentences and identify such things as the writer's stance. Writing: how to produce coherent and well-structured assignments, including such skills as paraphrasing and the use of the appropriate academic phrases. Vocabulary: a wide range of activities to develop students' knowledge and use of key vocabulary, both in the field of mechanical engineering and of academic study in general. Vocabulary and Skills banks: a reference source to provide students with revision of the key words and phrases and skills presented in each unit. Full transcripts of all listening exercises. The Garnet English for Specific Academic Purposes series covers a range of academic subjects. All titles present the same skills and vocabulary points. Teachers can therefore deal with a range of ESAP courses at the same time, knowing that each subject title will focus on the same key skills and follow the same structure. Key Features Systematic approach to developing academic skills through relevant content. Focus on receptive skills (reading and listening) to activate productive skills (writing and speaking) in subject area. Eight-page units combine language and academic skills teaching. Vocabulary and academic skills bank in each unit for reference and revision. Audio CDs for further self-study or homework. Ideal coursework for EAP teachers. Extra resources at [www.garnetesap.com](http://www.garnetesap.com) Download MP3s: [ESAP\\_Mechanical\\_Engineering\\_CD1.zip](#) [ESAP\\_Mechanical\\_Engineering\\_CD2.zip](#)

This Dictionary is designed for people who have just started studying mechanical engineering terms in a foreign language, particularly for those who have little or no knowledge of either the terms or their meaning. The latter category of readers may find it useful, in addition to the translation of the term, to have an explanation of its meaning as well. In the Dictionary, such explanation is provided by means of internationally accepted symbols, formulas, charts, diagrams, plans and drawings. In this way, illustrations serve as a universal intermediary between languages. As a rule, the illustration for a term consists of that graphic representation which is most frequently used in explaining the term concerned in instructional and technical literature (conventional graphic representation of the term). Apart from being informative, the illustrations also help remember the terms themselves. In the Dictionary, therefore, illustrations are provided even for those terms whose meaning would be understood without the aid of graphic symbols. At the same time, the author had to leave out many terms - even important ones - which do not lend themselves to illustration. The terms are grouped according to subject. This makes it possible to study the terminology pertaining to the subjects which interest the user most. This should also help speed up the assimilation of the terms, since the student will be able to remember a group of terms pertaining to a common subject. When translating texts from one language into another, one is helped by the alphabetical indexes given at the end of the Dictionary.

with the principles accepted in textbooks on the subject. The key language is English. The English This Dictionary is designed for people who term is followed - by its German, French, Dutch have just started studying mechanical engineering and Russian equivalents, and by an illustration. terms in a foreign language, particularly for those In most cases, this is a simplified drawing of the who have little or no knowledge of either the terms object or a diagram of the process. Sometimes, or their meaning. The latter category of readers other self-explanatory devices are used - mathe may find it useful, in addition to the translation matical signs, chemical formulas or examples of of the term, to have an explanation of its meaning the chemical composition of alloys. as well. In the Dictionary, such explanation is The terms are numbered. The numbers serve, provided by means of internationally accepted first, to relate the term to the drawing, and, second, symbols, formulas, charts, diagrams, plans and they facilitate the f'mding of the necessary trans drawings. In this way, illustrations serve as a lation of a term via the alphabetical index. Each universal intermediary between languages. As a number consists of two parts separated by a full rule, the illustration for a term consists of that stop, e. g. 12. 5.

The Most Fun, Engaging & Comprehensive way to learn Mechanical Knowledge This fun book can help students to enhance the vocabulary related to mechanical engineering. It has 1000 Mechanical Words with complete meaning. Vocabulary Enhancement - Over 1000 Interesting Words to Find Let us start to learn some engineering vocabulary with their meaning by playing the search words. Boost your Brain This Solution will make the terms recorded in our brains. Activities of this book will be more engaging in both knowledge and brain booster. 100 Puzzles with 1000 Mechanical Terms A fun and Effective way to prove yourself, As a Master in Mechanical Perfect Choice for Mechanical, Technical, Engineering Students The more you Read! The more You'll Learn.

