

## Engineer

Se muestra el video a los estudiantes para que practiquen la parte de “listening”, además de conocer información adicional acerca de lo que trata la carrera de ingeniería y se entregan con un video interactivo.

<https://en.islcollective.com/english-esl-video-lessons/vocabulary-practice/general-vocabulary-practice/jobs-and-work/job-vocabulary-whats-an-engineer/129903>

## Creep



Figura 1. Ilustración de la palabra “creep”

The slow, permanent deformation of materials under constant stress.

## Ductility

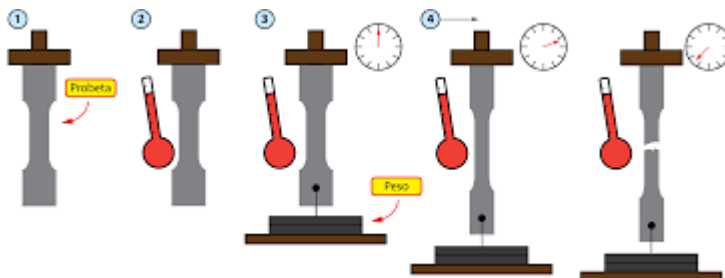


Figura 2. Ilustración de la palabra “ductility”

A material's ability to undergo significant plastic deformation (permanent stretching or bending) before fracturing

### **Supply chain management:**



*Figura 3. Ilustración de la palabra "supply chain management"*

The broad coordination of all activities involved in sourcing, producing, and delivering a product or service, from raw materials to the end customer.

### **Forecasting:**



*Figura 4. Ilustración de la palabra "forecasting"*

The process of making predictions based on past and present data.

## Capacitor

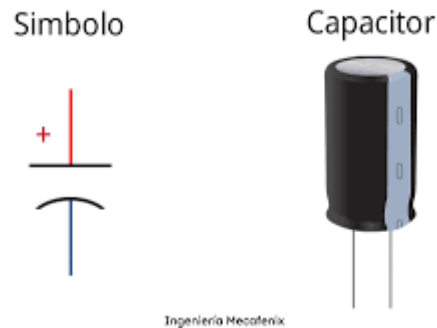


Figura 5. Ilustración de la palabra “capacitor”

A device that stores electrical energy in an electric field.

## Material Science:

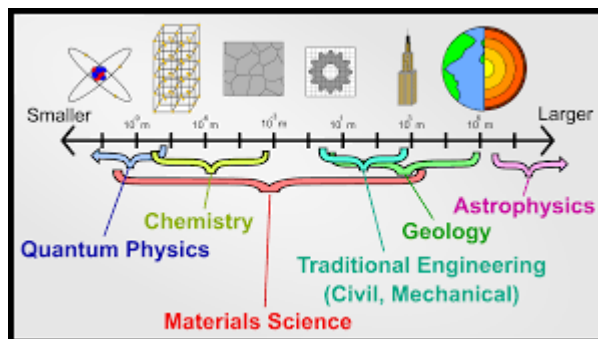


Figura 6. Ilustración de la palabra “Material science”

The study of the properties and applications of materials like metals, ceramics, and polymers.

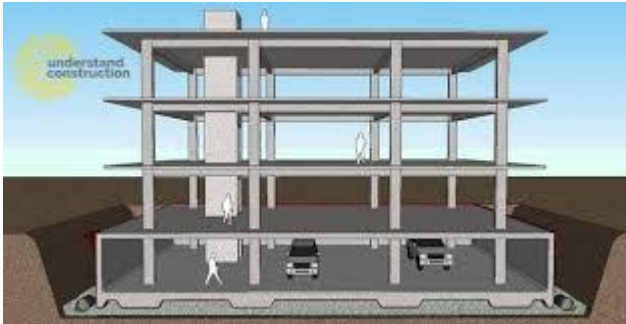
## **CAD (Computer-Aided Design):**



*Figura 7. Ilustración de la palabra "CAD (Computer-Aided Design)"*

The use of computer software to create 2D and 3D designs and models.

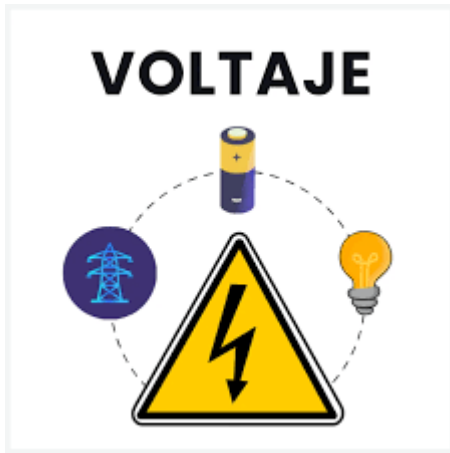
## **Load-Bearing:**



*Figura 8. Ilustración de la palabra "Load-bearing"*

The capacity of a structure or material to support a weight or force.

## **Voltage:**



*Figura 9. Ilustración de la palabra "voltage"*

The measurement of electrical potential difference.

### **Blueprint:**



*Figura 10. Ilustración de la palabra "Blueprint"*

A detailed technical drawing used in construction and engineering projects.

### **Fatigue:**



Figura 11. Ilustración de la palabra “Fatigue”

The weakening of a material caused by repeated stress.

Juego: Se les entregó a los estudiantes diferentes imágenes de la actividad anterior, luego tenían que decir la palabra en inglés y el significado de la misma (principalmente en inglés).

Además se les proporcionó una pagina de juegos para practicar vocabulario

<https://www.engineering.com/games/>

(y se les indicó de jugar el juego “keep talking and nobody explodes” en Roblox, al ser gratuito, y configurarlo en inglés)

### ***Medicine:***

Se les mostró videos para mostrarle a los estudiantes situaciones cotidianas para que sean más conscientes de la importancia de aprender vocabulario, ya que estamos en un mundo interconectado, donde interactuaremos con personas de diversas culturas.

<https://hihaho.com/showcase/instruction-video-hand-hygiene/>

<https://hihaho.com/showcase/interactive-leaflet-animation/>

### ***Acute:***



*Figura 12. Ilustración de la palabra “Acute”*

Quick to become severe/bad

### **Cast:**



*Figura 13. Ilustración de la palabra “Cast”*

a hard bandage that is wrapped around a broken bone to keep it in place

### **Crutches:**



*Figura 14. Ilustración de la palabra “Crutches”*

Objects that people with injured legs or feet use to help them walk.

**Hives:**



*Figura 15. Ilustración de la palabra "Hives"*

Bumps that appear on the surface of the skin during an allergic reaction

**Light-headed:**



*Figura 16. Ilustración de la palabra "Light-headed"*

Feeling of dizziness and being off-balance, caused by lack of oxygen in the brain

**Numb:**





*Figura 17. Ilustración de la palabra “Numb”*

No feeling in a certain body part

### **Scrubs:**



*Figura 18. Ilustración de la palabra “Scrubs”*

Plain uniform (usually green, white or blue) worn by medical professionals.

### **Scrub up:**



Figura 19. Ilustración de la palabra “Scrub up”

Carefully wash hands before and after seeing a patient.

**Gulp down:**



Figura 20. Ilustración de la palabra “Gulp down”

swallow (ingest: food, drink) quickly.

**Perk up:**



Figura 21. Ilustración de la palabra “Perk up”

Improve condition

Prueba tu conocimiento con el siguiente juego que contiene el vocabulario de medicina:

<https://view.genially.com/68aa82397a2d5e60a0c153a5/interactive-content-medicine-vocabulary>

**Game:** En el cual los estudiantes interesados puedan practicar vocabulario que se utiliza en su carrera. Lo puedes encontrar en el siguiente link:

[https://app.fullcodemedical.com/Player/Player.html?case\\_list=true&\\_gl=1\\*edcb85\\*\\_ga\\*MTg2MDE4Nzg5MS4xNzU2MDc1NTYz\\*\\_ga\\_DD5HX8GVLV\\*czE3NTYwNzU1NjMkbzEkZzEkdDE3NTYwNzY0NTMkajYwJGwwJGgw](https://app.fullcodemedical.com/Player/Player.html?case_list=true&_gl=1*edcb85*_ga*MTg2MDE4Nzg5MS4xNzU2MDc1NTYz*_ga_DD5HX8GVLV*czE3NTYwNzU1NjMkbzEkZzEkdDE3NTYwNzY0NTMkajYwJGwwJGgw)

## ***Business***

Información adicional de lo que es la carrera de administración y fomentar la parte de “listening” a los estudiantes.

<https://www.youtube.com/watch?v=jMIa9SJiFb8>

Se utilizó vocabulario con abreviaciones ya que al revisar el manejo de las personas que trabajan en este ámbito, suelen utilizarlo para agilizar al momento de escribir o hablar.

## **Return on Investment (ROI).**



*Figura 22. Ilustración de la palabra “Return on investment (ROI)”*

A performance measure used to evaluate the efficiency of an investment.

## **SWOT Analysis.**



Figura 23. Ilustración de la palabra “SWOT analysis”

A study undertaken by an organization to identify its internal strengths and weaknesses, as well as its external opportunities and threats.

### **Just-in-Time (JIT).**

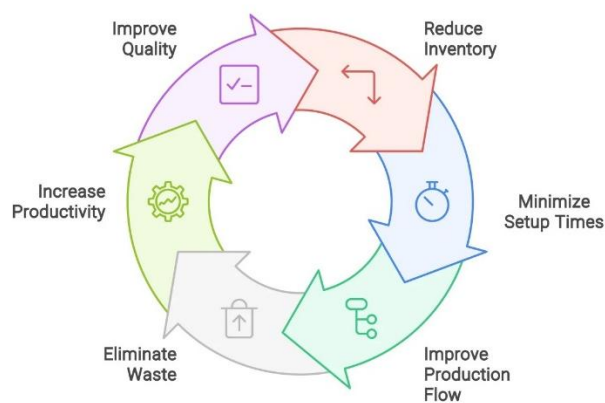


Figura 24. Ilustración de la palabra “Just-in-Time (JIT)”

A strategy to increase efficiency and decrease waste by receiving goods only as they are needed.

### **Total Quality Management (TQM).**

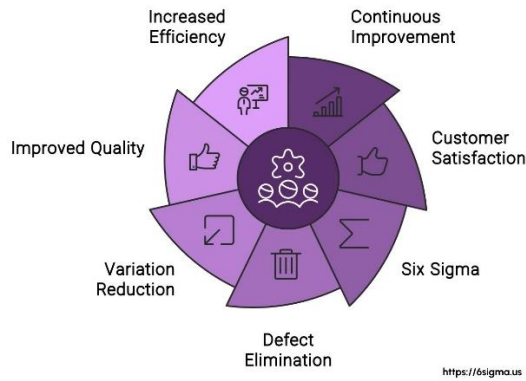


Figura 25. Ilustración de la palabra “Total Quality Management (TQM)”

A management approach to long-term success through customer satisfaction.

### Unique selling proposition (USP):



Figura 26. Ilustración de la palabra “Unique Selling Proposition (USP)”

It's the trait that makes your product or service different from your competitors.

### Critical Path Method (CPM):

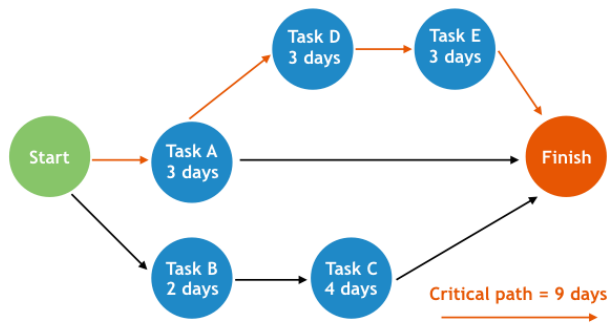


Figura 27. Ilustración de la palabra “Critical Path Method (CPM)”

An algorithm that accompanies the project in detail. The operators must conform to it in the pursuance of a successful project

### Work Breakdown Structure (WBS):

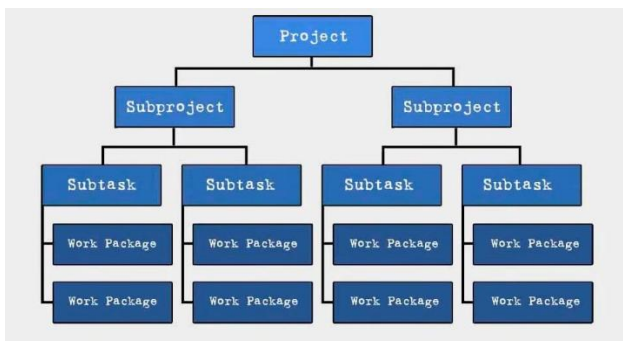


Figura 28. Ilustración de la palabra “Work Breakdown Structure (WBS)”

Divides the project into sections to be delivered by the management board to the respective parties according to their expertise.

### Issue:



Figura 29. Ilustración de la palabra "Issue"

Concerns that need to be resolved to prevent conflict.

### Big data:



Figura 30. Ilustración de la palabra "Big data"

Technology for storing very high volumes of data for prospective analysis and especially modelling for a deeper understanding of the context, anticipating behaviour and more globally for better decision support.

### Finance:



*Figura 31. Ilustración de la palabra "Finance"*

The professional sector of money trading.

Dictionary:

Six Sigma is a data-driven business methodology that uses statistical analysis and a systematic approach to improve processes, eliminate defects, and reduce variation in products and services.

Students will use the vocabulary naturally while creating and presenting a mini business idea.

[https://www.solitaireparadise.com/games\\_list/monopoly.html](https://www.solitaireparadise.com/games_list/monopoly.html)