



English Guide N° 9 – Deciding for your Future – Career Path: Engineering

Name: _____ Grade: 12th A – B - C

Date: _____

Expected Learning

AE 01 - Demostrar comprensión de ideas principales e información explícita en textos orales simples de variada extensión y de interacciones que presentan un uso auténtico del lenguaje, como videos de interés general, entrevistas grabadas y discursos relacionados con las decisiones para su futuro y que contemplan las funciones de informar lo dicho por otros, expresar intenciones, propósitos y puntos de vista.

AE 02 - Leer y demostrar comprensión de ideas principales e información relevante en textos descriptivos, informativos, narrativos y expositivos auténticos, simples y de variada extensión, como anécdotas, cartas y correos electrónicos, relacionados con las decisiones para su futuro.

Instructions:

1. Read carefully and complete each section according to what it is required.
2. When you finish the guide, at the end of it, you have to answer a **SELF-EVALUATION** which will help you to see your performance during the development of this guide.
3. If you want to see if your answers are correct, you can check them in the **ANSWER KEY** which will be uploaded in the next guide.
4. Remember that this guide helps you to continue with the development of your knowledge and you can continue practicing your English skills at home.
5. If you can't print this guide, you can write the answers on your copybook.
6. This guide is supposed to be done in **45 minutes**.
7. If you can print the guides, remember to keep them in a folder.



Hello!

This week you are invited to work with the theme of **ENGINEERING** in which you will know new vocabulary and practice your reading and listening skills!

Also, remember to check your answers from GUIDE N° 8

And finally, **REMEMBER TO WRITE ME AN E-MAIL WITH YOUR CHOSEN CAREER** and if you have any question! 😊

ANSWER KEY – GUIDE N° 8

Part N° 1 Vocabulary						
Owner: dueño / dueña	Hairdresser: Peluquero / peluquera	Nail technician: Manicurista	Makeup artist: Maquillador / Maquilladora			
Colorist: Colorista	Masseur: Masajista	Assistant: Asistente	Receptionist: Recepcionista			
Activity N° 2						
1. Colorist	2. Makeup artist	3. Masseur	4. Hairdresser			
Activity N° 3						
1. A	2. B	3. A				
Part N° 2 – Reading Comprehension Activity N°1						
1. A	2. D	3. D				
Part N° 3 – Listening Comprehension Activity N° 1						
1.A	2. C					
Activity N° 2						
1. Receptionist	2. Morning	3. First	4. Salon	5. Hairdresser	6. Makeup	7. Staff

ENGINEERING

Part N° 1 – Vocabulary

Activity N° 1 – Find out the meaning in Spanish of the following words. (Remember to use www.linguee.com or www.wordreference.com)

English Word	Spanish Meaning	English Word	Spanish Meaning
Computer		Control	
Discipline		Inspect	
Launch		Methodology	
Procedure		Physics	

Mathematics		Machine	
Technology		Develop	
Engineer		Simulation	
Maintenance		Assess	

Activity N° 2 – Match the words (1-9) with the definitions (A-I).

1. _____ assess.	A. To evaluate.
2. _____ development	B. Engineering that focuses on software creation.
3. _____ software engineering	C. The structure of a software program.
4. _____ design	D. Checking for issues.
5. _____ computer science	E. The entire process of building software.
6. _____ problem modeling	F. The repair of software after its release.
7. _____ validation	G. Engineering that focuses on computer maintenance.
8. _____ operation	H. The process of checking software's user-friendliness.
9. _____ maintenance	I. The actual use of a software program.

Activity N° 3 – Use the words from the word bank to fill in the blanks.

Testing	Quality	Verification
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- Software engineer assess software's _____.
- _____ checks for all types of errors.
- _____ ensures that programs meet specifications.

Part N° 2 – Reading Comprehension

Activity N°1 – Read this column from Tech Monthly. Then, choose the correct answers.

Tech Monthly Issue 19

SOFTWARE ENGINEERING VS. COMPUTER SCIENCE

by Jason Rose

At first glance, **software engineering** and **computer science** might seem very similar. But actually, these disciplines are very different.

Computer science is very broad – it deals with the interaction of hardware and software. Software engineering is more specialized. Software engineers do more than just work on software **development**. They also focus on its **design** and **operation**. Software engineers go to great lengths to ensure a program's **quality**.

Once a project is designed, software engineers must **assess** it. **Testing** makes sure that the

software works. **Problem modeling** analyzes the program for potential issues. The process of **verification** enforces its design specifications, and **validation** makes sure that the software is user-friendly.

But an engineer's work is not done when the product is released. The engineers will also do **maintenance** to fix any remaining problems.

So even though they are related disciplines, a software engineer works with a software product more than a computer science professional.

1. What is the column about?

- what software engineers do.
- the limits of computer science.
- choosing a career in computers.
- software and hardware differences.

2. What is the purpose of verification?

- It ensures that software works.
- It checks software for ease of use.
- It fixes problems after product's release.
- It ensures that software meets guidelines.

3. What process assures that software is easy to use?

- a. problem modeling
- b. verification
- c. validation
- d. maintenance

Part N° 3 – Listening Comprehension

https://www.podomatic.com/podcasts/cfuentessoza/episodes/2020-05-28T18_32_32-07_00



Activity N° 1 – Listen to a conversation between a manager and a software engineer. Mark the following statements as true (T) or False (F).

1. _____ the program has not reached the testing phase.
2. _____ Verification of the program is complete.
3. _____ The engineer will check for file formatting issues next.

Activity N° 2 – Listen again and complete the conversation.

Manager: Good morning, Martin. How is the Image Suite project going?

Engineer: It's going well, Ms. Donald. It's a very powerful program.

Manager: What phase are you in?

Engineer: We're currently testing the program.

Manager: So you're 1 _____ the software's functionality?

Engineer: Yes. The software is conforming to the operational 2 _____ of its design very well.

Manager: 3 _____ . So what are the specific functions you're testing?

Engineer: Right now we're just testing all the different brushes and tools to make sure they work correctly.

Manager: And things are going well? 4 _____ ?

Engineer: 5 _____ . Next up we're going to verify that images can be stored and retrieved in different formats.

Manager: What are you looking for?

Engineer: We need to see how it saves images in 6 _____ to ensure the image can be consistently reproduced in any layout.

SELF-EVALUATION – Put a ✓ according to the criteria given and think about what you did with this guide.

CRITERIA	😊	☹️
1. I learned new words.		
2. I was responsible doing this guide.		
3. I improved my reading skills.		
4. I improved my listening skills.		
5. I understood the content.		
6. I can explain this content to other people.		

7. Do I have any question for the next meeting?		
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If you have questions for the next meeting, write them here:
