

## Lecture 2 – Essential English Vocabulary for Construction and Building Engineering Technology.

المحاضرة الثانية – أهم المفردات الإنجليزية الأساسية في هندسة تقنيات البناء والانشاءات.

### Part 2: Basic Construction and Building Vocabulary

Term	Meaning	Example Sentence
Tool	أداة	Workers use different tools on site.
Equipment	معدات	Heavy equipment is used in construction.
Machine	آلة	This machine lifts heavy materials.

<b>Crane</b>	<b>رافعة</b>	<b>The crane lifts steel beams.</b>
<b>Scaffold</b>	<b>سكّلة</b>	<b>Workers stand on the scaffold.</b>
<b>Ladder</b>	<b>سُلّم</b>	<b>He climbs the ladder carefully.</b>
<b>Excavation</b>	<b>الحفر</b>	<b>Excavation starts before construction.</b>
<b>Ground</b>	<b>أرض</b>	<b>The ground must be level.</b>
<b>Level</b>	<b>مستوٍ</b>	<b>The floor must be level.</b>
<b>Measure</b>	<b>قياس</b>	<b>Engineers measure the wall length.</b>

**Height**

ارتفاع

The height of the building is 20 meters.

**Width**

عرض

Check the width of the door.

**Length**

طول

Measure the length of the beam.

**Pipe**

أنبوب

Water flows through the pipe.

**Wire**

سلك

Electrical wires are inside the wall.

**Electricity**

كهرباء

Electricity is not connected yet.

**Plumbing**

أعمال السباكة

Plumbing work is finished.

**Paint**

**طلاء**

**They paint the walls white.**

**Glass**

**زجاج**

**The windows are made of glass.**

### **1- Tool — أداة**

**Workers use different tools on site.**

**يستخدم العمّال أدوات مختلفة في موقع العمل.**

### **2- Equipment — معدات**

**Heavy equipment is used in construction.**

**تُستخدم المعدات الثقيلة في أعمال البناء.**

### **3- Machine — آلة**

**This machine lifts heavy materials.**

**هذه الآلة ترفع المواد الثقيلة.**

#### 4- Crane — رافعة

*The crane lifts steel beams.*

الرافعة ترفع العوارض الفولاذية.

#### 5- Scaffold — سقالة

*Workers stand on the scaffold.*

يقف العمال على السقالة.

#### 6- Ladder — سلم

*He climbs the ladder carefully.*

يصعد السلم بحذر.

#### 7- Excavation — الحفر

*Excavation starts before construction.*

تبدأ أعمال الحفر قبل البناء.

#### 8- Ground — أرض

***The ground must be level.***

يجب أن تكون الأرض مستوية.

### **9- Level — مستو**

***The floor must be level.***

يجب أن تكون الأرضية مستوية.

### **10- Measure — قياس / يقيس**

***Engineers measure the wall length.***

يقيس المهندسون طول الجدار.

### **11- Height — ارتفاع**

***The height of the building is 20 meters.***

ارتفاع المبنى هو 20 مترًا.

### **12- Width — عرض**

***Check the width of the door.***

تحقق من عرض الباب.

### **13- Length — طول**

***Measure the length of the beam.***

قِس طول العارضة.

### **14- Pipe — أنبوب**

***Water flows through the pipe.***

يتدفق الماء عبر الأنبوب.

### **15- Wire — سلك**

***Electrical wires are inside the wall.***

الأسلاك الكهربائية داخل الجدار.

### **16- Electricity — كهرباء**

***Electricity is not connected yet.***

لم يتم توصيل الكهرباء بعد.

## 17-Plumbing — أعمال السباكة

**Plumbing work is finished.**

أعمال السباكة منتهية.

## 18- Paint — طلاء / دهان

**They paint the walls white.**

يقومون بطلاء الجدران باللون الأبيض.

## 19- Glass — زجاج

**The windows are made of glass.**

النوافذ مصنوعة من الزجاج.

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## **Questions**

Q1. What tool is used to lift heavy materials at a construction site?

- A) Ladder
- B) Crane
- C) Pipe
- D) Wire

Q2. Which word means معدات؟

- A) Tool
- B) Machine
- C) Equipment
- D) Scaffold

Q3. Workers stand on the \_\_\_\_\_ to work at high places.

- A) Ground
- B) Level
- C) Scaffold
- D) Door

Q4. What is used to carry water inside a building?

- A) Wire
- B) Pipe
- C) Beam
- D) Brick

Q5. The floor must be \_\_\_\_\_ before finishing work.

A) heavy

B) level

C) tall

D) wide

Q6. Which word is related to electrical work?

A) Plumbing

B) Glass

C) Electricity

D) Paint

Q7. Engineers \_\_\_\_\_ the length and width of walls.

A) lift

B) paint

C) measure

D) repair

Q8. *Windows are usually made of \_\_\_\_\_.*

A) *Steel*

B) *Cement*

C) *Glass*

D) *Brick*

Q9. *Plumbing is related to \_\_\_\_\_.*

A) *electricity*

B) *water pipes*

C) *painting*

D) *safety rules*

Q10. *A \_\_\_\_\_ is used to go up and down safely.*

A. *Crane*

B. *Ladder*

C. *Machine*

D. *Equipment*

**Answers:**

Q1: Crane

Q2: Equipment

Q3: Scaffold

Q4: Pipe

Q5: Level

Q6: Electricity

Q7: Measure

Q8: Glass

Q9: Water pipes

Q10: Ladder

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## ***Unit 3 – All About You***

This unit helps students talk about themselves, jobs, personal information, and use the verb am / is / are.

It also teaches students how to make negatives and questions and use short social expressions.

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## 1- Jobs vocabulary:

Students first learn the names of different jobs. They must match each job with the correct picture.

English job	Arabic meaning
a doctor	طبيب
a nurse	ممرضة
a student	طالب
a teacher	_ معلم
a shop assistant	موظف متجر / بائع
a bus driver	سائق باص
a businessman	رجل أعمال
a police officer	شرطي
a builder	عامل بناء

What's his job ?

He is a bus driver.

What's her job?

She is a nurse.

## 2- Grammar – The verb (to be) (am / is / are)

The verb to be changed depending on the subject pronoun

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Subject Pronoun	Auxiliary Verb	Example Sentence
I	am	I am a student.
You	are	You are a teacher.
He	is	He is a doctor.
She	is	She is a nurse.

<b>It</b>	<b>is</b>	<b>It is a shop.</b>
<b>We</b>	<b>are</b>	<b>We are students.</b>
<b>They</b>	<b>are</b>	<b>They are businessmen.</b>

### 3- Negatives – Using not

#### 1) Negative Form

To make a sentence negative with am / is / are, we add not after the verb.

Structure:

**am / is / are + not**

<b>Positive</b>	<b>Negative</b>	<b>Example Meaning</b>
<b>He is a student.</b>	<b>He isn't a student.</b>	<b>He is not a student.</b>
<b>She is a teacher.</b>	<b>She isn't a teacher.</b>	<b>She is not a teacher.</b>

**I am a doctor. I'm not a doctor. I am not a doctor.**

**They are builders. They aren't builders. They are not builders.**

**Note: Short negative forms:**

- I am not → I'm not
- is not → isn't
- are not → aren't

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## **4- Questions – Yes/No Questions with ( to be)**

To form a question, put the verb ( am , is , are ) at the beginning of the sentence.

<b>Question</b>	<b>Short Answer</b>
Is he a teacher?	Yes, he is. / No, he isn't.
Are you a student?	Yes, I am. / No, I'm not.
Is she a nurse?	Yes, she is. / No, she isn't.

## Examples:

- Are you from Scotland?

✓ Yes, I am.

✗ No, I'm not.

- Are they from Ireland?

✓ Yes, they are.

✗ No, they aren't.

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## 5- Personal Information (Questions and Answers ).

Here are the most important questions that help us write a personal profile and personal information.

1. What is your first name?
2. What is your surname / last name?
3. How old are you?
4. Where do you live? / What is your address?
5. Which country are you from?
6. Are you married?
7. What is your job?

8. What do you like to do?

### **Example; 1**

#### **Personal Profile**

First Name: Ellie

Surname / last name Green

Country: England

Address: 29 Victoria Road, Birmingham

Phone Number: 07700 955031

Age: 20

Job: Student

Married: No

Hobbies / Interests: I like reading books.

### **Example 2**

#### **Personal Profile**

First Name: Sara

Surname / Last Name: Ahmed

Country: Iraq

Age: 22

Address: 40 Street, Babil.

Married: No

Job: a student

Hobbies / Interests: listening to music, browsing the internet and travelling.

Hi! My name is Sara Ahmed. I am 22 years old and I live at 40 Street, Babil, Iraq. I am not married. I am a first-year student of the Construction Engineering Technologies Department College of Engineering Technologies at Al-Mustaqbal University. I like reading books, listening to music, browsing the internet and travelling.

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## 6- Reading and listening

**We are in Las Vegas !**

### **METRO 5 – ON TOUR IN LAS VEGAS**

This is the boy band Metro 5, the winners of The Audition. They come from different countries. Paul and Donny McNab are from Ireland, they are brothers. Bo Olsson is from Sweden. Ronan Wilson is from Australia, and Edson Melo is from Brazil.

Now, they are on tour in the United States.

**Metro 5:** Hi! We're in Las Vegas.

**Interviewer:** Hi, guys, how are you?

**Metro 5:** We're all fine. It's fantastic here!

**Interviewer:** Are you tired?

**Metro 5:** No, we aren't. We're very happy and excited.

**Interviewer:** Great! Good luck with the tour!

- We're \_\_\_\_\_ we are
- We aren't \_\_\_\_\_ we are not.

## **7- social expressions**

**1**

A: I'm sorry.

B: That's OK.

**2**

C: A coffee, please.

D: That's £1.20.

C: Thanks very much.

**3**

E: Excuse me! Where's the station?

F: It's over there.

E: Thanks a lot.

4

G: Thank you very much.

I: That's very kind.

H: That's OK.

5

I: ¿Qué hora es?

J: I'm sorry. I don't understand.

6

K: Excuse me! Where's the town centre?

L: I'm sorry. I don't know.

***The End***

***Thanks for your attention***

