



Al-Mustaqbal University

Collage of Engineering

Prosthetics and Orthotics Engineering

First Stage

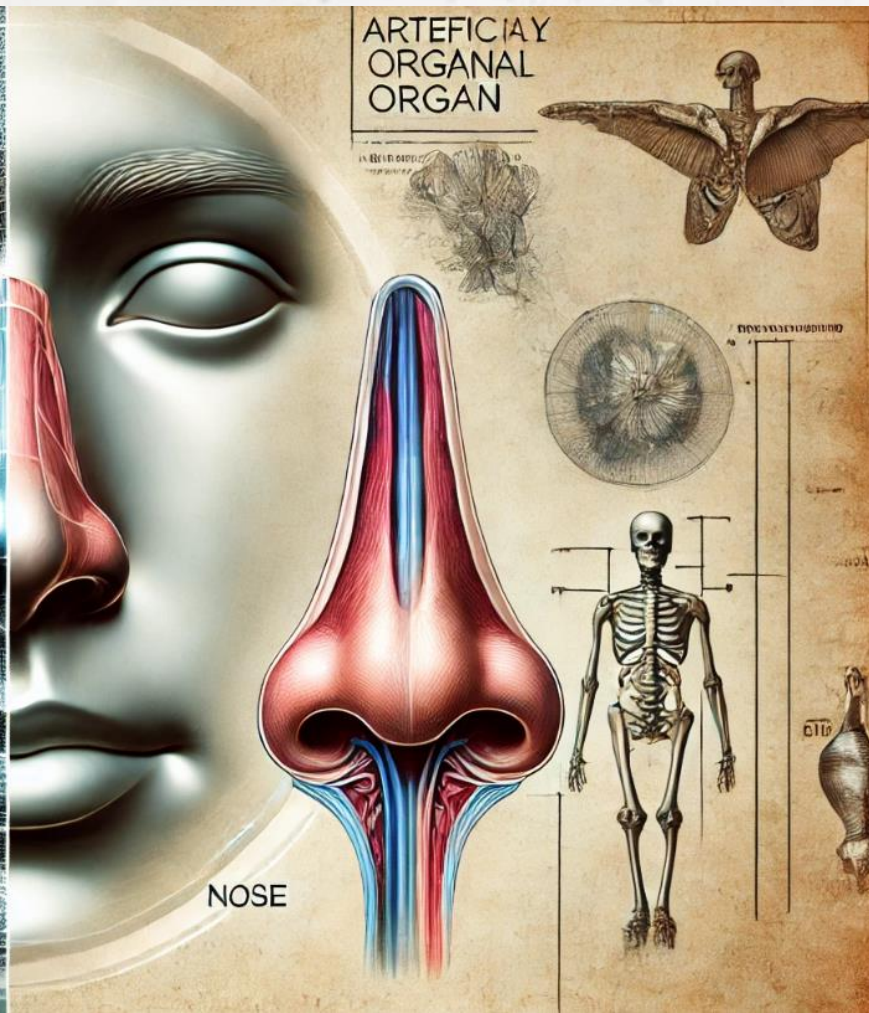
English Language I

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1st term – Lecture 3

2024-2025





Grammar

STARTER



Here are the past tense forms of some irregular verbs. Write the infinitives.

1 _____ were

4 _____ told

7 _____ took

10 _____ could

2 _____ saw

5 _____ said

8 _____ gave

11 _____ made

3 _____ went

6 _____ had

9 _____ got

12 _____ did

The burglars' friend

IT was 3 o'clock in the morning when four-year-old Russell Brown woke up to go to the toilet.

His parents were fast asleep in bed. But when he heard a noise in the living room and saw a light was on, he went downstairs.

There he found two men. They asked him his name, and told him they were friends of the family.

Unfortunately, Russell believed them. They asked him where the video recorder

His parents were fast asleep in bed

was. Russell showed them, and said they had a stereo and CD player, too.

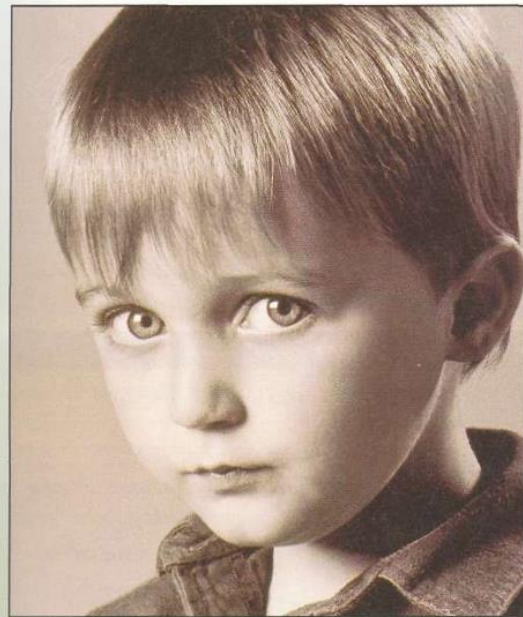
The two men carried these to the kitchen. Russell also told them that his mother kept her purse in a drawer in the kitchen, so they took that. Russell even gave them his pocket money – 50p.

They finally left at 4 a.m.

They said, 'Will you open the back door while we take these things to the car, because we don't want to wake Mummy and Daddy, do we?' So Russell held the door open for them. He then went back to bed.

His parents didn't know about the burglary until they got up the next day. His father said, 'I couldn't be angry with Russell because he thought he was doing the right thing.'

Fortunately, the police caught the two burglars last week.



Russell, 4, made thieves feel at home

Write the past forms of these irregular verbs from the article.

wake _____	leave _____
hear _____	hold _____
find _____	think _____
keep _____	catch _____

T 3.2 You will hear some sentences about the story. Correct the mistakes.

Russell woke up at 2 o'clock.

He didn't wake up at 2.00! He woke up at 3.00.

Write the Past Simple of these verbs.

a ask _____	c like _____
show _____	believe _____
want _____	use _____
walk _____	
start _____	d stop _____
	plan _____
b try _____	
carry _____	

Write the questions to these answers.

- Because he wanted to go to the toilet.
Why did he wake up?
- They were in bed.
- Because he heard a noise and saw a light on.
- Two.
- They told him they were friends of the family.
- In a drawer in the kitchen.
- 50p.
- At 4 a.m.
- The next day. (*When ... find out about ... ?*)
- Last week.

Match the verb phrases. Then make sentences using both verbs in the past. Join the sentences with *so*, *because*, *and*, or *but*.

I broke a cup, but I mended it with glue.

break a cup	answer it
feel ill	mend it
make a sandwich	wash my hair
have a shower	laugh
lose my passport	be hungry
call the police	go to bed
run out of coffee	buy some more
forget her birthday	find it
phone ring	say sorry
tell a joke	hear a strange noise

H.W.

have can steal give say

break hear come leave go

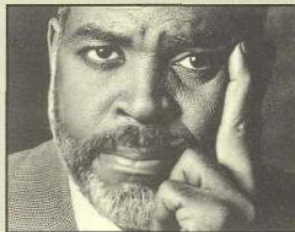
Grammer

a

Hands up, I've got a burger!

Last Tuesday a man armed with just a hot hamburger in a bag (1) _____ \$1,000 from a bank in Danville, California.

Police Detective Bill McGinnis (2) _____ that the robber entered the Mount Diablo National Bank at about 1.30 p.m. and (3) _____ the teller a note demanding \$1,000. He claimed that he (4) _____ a bomb in the bag. The teller said she (5) _____ smell a distinct odour of hamburger coming from the bag. Even so, she handed the money to the man. He dropped the bag with the hamburger. He escaped in a car.



Police Detective Bill McGinnis

b

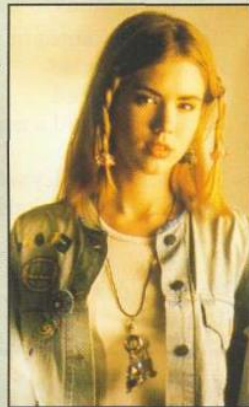
Teenage party ends in tears

When Jack and Kelly Harman (1) _____ away on holiday, they

(2) _____ their teenage daughter alone in the house. Zoë, aged 16, wanted to stay at home. Her parents said she could have some friends to stay. However, Zoë decided to have a party. Things

started to go wrong. Forty uninvited guests arrived. They (3) _____ furniture, smashed windows, and stole jewellery.

When Mr and Mrs Harman (4) _____ the news, they (5) _____ home immediately.



Zoë Harman, 16, home alone

Grammar

Choose the correct verb form.

- 1 I *saw* / *was seeing* a very good programme on TV last night.
- 2 While I *shopped* / *was shopping* this morning, I *lost* / *was losing* my money. I don't know how.
- 3 Last week the police *stopped* / *were stopping* Alan in his car because he *drove* / *was driving* at over eighty miles an hour.
- 4 How *did you cut* / *were you cutting* your finger?
- 5 I *cooked* / *was cooking* and I *dropped* / *was dropping* the knife.
- 6 When I *arrived* / *was arriving* at the party, everyone *had* / *was having* a good time.
- 7 *Did you have* / *Were you having* a good time last night?

Complete the sentences with the verbs in the Past Simple or Past Continuous.

- 1 While I _____ (go) to work this morning, I _____ (meet) an old friend.
- 2 I _____ (not want) to get up this morning. It _____ (rain) and it was cold, and my bed was so warm.
- 3 I _____ (listen) to the news on the radio when the phone _____ (ring).
- 4 But when I _____ (pick) up the phone, there was no one there.
- 5 I _____ (say) hello to the children, but they didn't say anything because they _____ (watch) television.



I went out for a walk.

Unfortunately, it began to rain.

Fortunately, I had an umbrella.

Unfortunately, it was broken.

Fortunately, I met a friend in his car.

Unfortunately, his car ran out of petrol.

Fortunately, ...

Tell similar stories around the class. Begin with these sentences.

- I lost my wallet yesterday.
- It was my birthday last week.
- We went out for a meal last night.
- I went on holiday to ... last year.

Vocabulary

Complete the charts below and mark the stress. There are some spelling changes.

Noun	Verb
<u>communi'cation</u>	co'mmunicate
_____	dis'cuss
_____	'govern
invi'tation	_____
_____	de'velop
_____	ex'plain
edu'cation	_____
_____	de'cide
_____	en'joy
_____	'organize
im'provement	_____
_____	em'ploy

Noun	Adjective
'science	_____
friend	_____
_____	'happy
_____	'different
'danger	_____
use	_____
help	_____
_____	'special
care	_____
noise	_____
'industry	_____
am'bition	_____

Complete the sentences with one of the words from exercise 1.

- 1 My English _____ a lot after I lived in London for a month.
- 2 I have two _____ in life. I want to be rich, and I want to be famous.
- 3 'I'm going to work hard from now on.' 'That's a very good _____.'
- 4 There are many _____ between my two children. They aren't similar at all.
- 5 Thank you for your advice. It was very _____.
- 6 I like Italian people. They're very kind and _____.
- 7 The United Nations is an international _____.
- 8 I asked the teacher for help, but unfortunately, I didn't understand his _____.
- 9 Motor racing is a very _____ sport.
- 10 Fish soup is a _____ of this area. You must try it.
- 11 I'm having a party on Saturday, and I'd like to _____ you.
- 12 This is the _____ part of my town. There are lots of factories and businesses.

Vocabulary

Complete the sentences, using a word from the box and a prefix.

pack possible agree tidy fair like
appear employed legal polite



- 1 Don't go into my bedroom. It's really _____.
- 2 I can't do maths. For me, it's an _____ subject.
- 3 I don't _____ fish. I just prefer meat.
- 4 It's very _____ to ask someone how much they earn.
- 5 When we arrived at the hotel, we _____ our suitcases.
- 6 I was _____ for two years. Then I got a job in an office.
- 7 'I think learning languages is stupid.' 'I _____. I think it's a good idea.'
- 8 The thief stole my bag, ran into the crowd and _____. I never saw him again.
- 9 Cannabis is an _____ drug in many countries.
- 10 You gave her more money than me! That's _____!

Complete these time expressions with *at*, *on*, *in*, or no preposition.

___ six o'clock	___ Saturday	___ 1995
___ last night	___ December	___ the weekend
___ Monday morning	___ summer	___ two weeks ago
___ the evening	___ yesterday evening	___ January 18

Do you know exactly when you were born?

I was born at two o'clock in the morning on Wednesday, the twenty-fifth of June, 1979.

Vocabulary

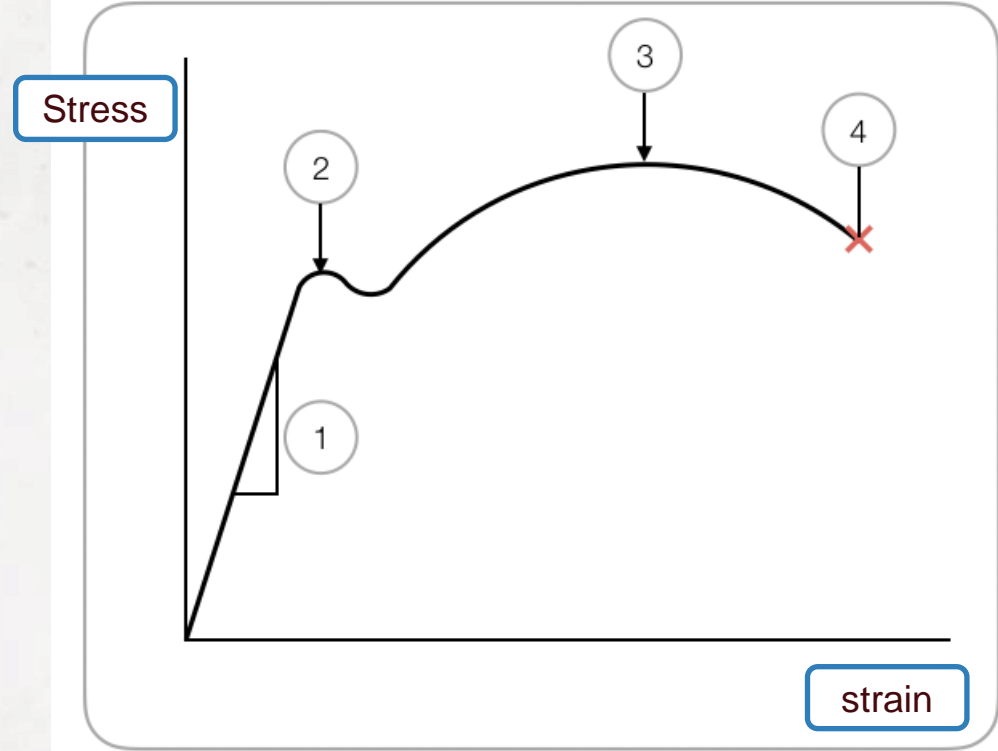
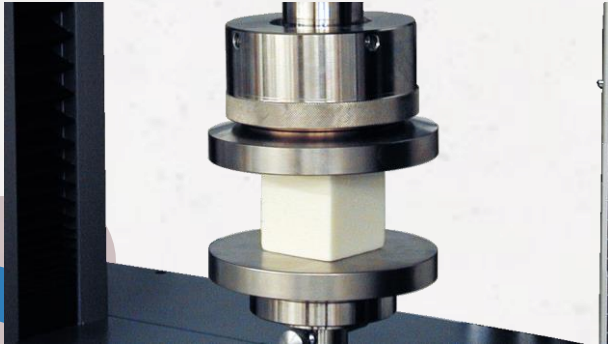
Stress-Strain Curve

1- Elastic Modulus (Young modulus)

2- Yield Strength (Failure)

3- Ultimate Strength

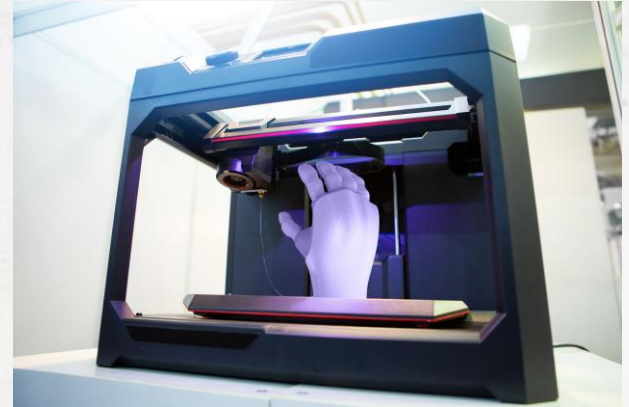
4- Fracture



Reading and Speaking

Read an Alex story and answer the following with True or Fales:

- I. A prosthetics engineer designs artificial body parts for people who need them.
- II. Prosthetics can only be made using metal materials.
- III. A 3D printer can be used to create parts for prosthetics.
- IV. Prosthetics engineers only work with adults.
- V. A robotic arm can be designed to hold a pencil or paintbrush.
- VI. Prosthetics engineers need to work closely with doctors and therapists.
- VII. All prosthetic legs are the same size and shape.
- VIII. Alex became a prosthetics engineer because he loved to paint.



The Story of Alex the Prosthetics Engineer

Alex always loved to make things with his hands. When he was a child, he built toys from wood and fixed broken gadgets at home. He

wanted to help people, so he decided to study engineering.

After finishing college, Alex became a prosthetics engineer. A prosthetics engineer makes artificial arms, legs, and other body parts for people who need them.

In his first job, Alex worked in a small hospital. His task was to create a new leg for a man who lost his leg in an

accident. Alex met the man and listened carefully to his needs. The man wanted to walk, run, and play with his children again.



Alex used a 3D printer and lightweight materials to design the prosthetic leg. He made sure it was strong and comfortable. After weeks of work, the leg was ready. Alex helped the man put it on and taught him how to use it. When the man took his first steps, he smiled brightly. Alex felt very proud.

Later, Alex opened his own workshop. He worked with a team of doctors and physical therapists. They made prosthetics for people of all ages, from small children to older adults. Alex used the latest technology, like sensors and robotics, to make the prosthetics better and more natural.

One day, Alex helped a young girl who was born without an arm. She dreamed of writing and painting like her friends. Alex created a robotic arm for her that could hold a pencil and even a paintbrush. When the girl showed Alex her first painting, he knew his work was changing lives.

Alex loved his job. Every day, he used his skills to bring hope and happiness to people. He believed that, with the right tools, everyone could live their best life.

Writing

Write a short answer about the following questions that are associated with a prosthetics and orthotics engineer:

Where does the engineer work?

What tools or machines does the engineer use?

Who does the engineer talk to (e.g., doctors, patients)?

What is the goal of the engineer's work?

How do they feel at the end of the day?



