



كلية : الآداب

القسم او الفرع : قسم اللغة الانجليزية

المرحلة: الثالثة

أستاذ المادة : م. هناء عباس سليمان

اسم المادة باللغة العربية : علم اللغة

اسم المادة باللغة الإنكليزية : **linguistics**

اسم المحاضرة الخامسة باللغة العربية: الصوتيات

اسم المحاضرة الخامسة باللغة الإنكليزية : **Phonetics**

Phonetics:

It refers to the general study of the features of speech sounds.

-Phonetics is classified into:

Articulatory phonetics:

It refers to how speech sounds are made or articulated.

Acoustic phonetics:

It refers to the physical properties of sounds such as sound waves via the air.

Auditory phonetics:

It refers to the perception of speech sounds.

Voiced and Voiceless

-when the vocal cords are spread apart, the air from the lungs passes between them unimpeded. Sounds produced in this way are described as **voiceless**.

-Such voiceless sounds are, s or f (by placing your fingertip on the top of your Adam's apple, you cannot feel any vibration).

-On the other hand, when the vocal cords are drawn together, the air from the lungs repeatedly pushes them apart as it passes through, creating a vibration effect. This is described as **voiced**.

-such voiced sounds are : z or v (by placing your fingertip on the top of your Adam's apple, you can feel some vibration).