



جامعة الأنبار

الكلية / الآاب

قسم او الفرع / اللغة الانكليزية

المرحلة / الثانية

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اسم المادة باللغة العربية : علم الصوت و الصوتيات

اسم المادة باللغة الإنكليزية : **Phonetics & Phonology**

أسم المحاضرة الأولى باللغة العربية: مقدمة في علم الصوت و الصوتيات

أسم المحاضرة الأولى باللغة الانكليزية: **Introduction to Phonetics Phonology**

## محتوى المحاضرة الاولى

- Phonetics is the study and classification of speech sounds.
  - It is concerned with the physical properties of speech sounds, including their **physiological production**, **acoustic properties**, and **auditory perception**.
  - Basically, it studies how sounds are **produced**, **transmitted** and **received**.
  - Phonetics can be classified into three subcategories:
    - a) articulatory phonetics,**
    - b) acoustic phonetics, and**
    - c) auditory phonetics.**
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- a) Articulatory phonetics** studies the production of speech sounds by the articulatory and vocal tract of the speaker.
  - b) Acoustic phonetics** studies the physical transmission of speech sounds from the speaker to the listener.
  - c) Auditory phonetics** studies the reception and perception of speech sounds by the listener.

- **Phonology** is the system of contrastive relationships among the speech sounds that constitute the fundamental components of a language.
- It is the study of sounds, especially different patterns of sounds in different languages.
- It studies how sounds are combined together to form words and how sounds alternate in different languages.
- It also studies the inventory of sounds and their features in a language and the pragmatics rules which specify how sounds interact with each other.
- **Phonology** is also involved in the history and theory of sound changes in a language or in two or more related languages.

## Difference Between Phonetics and Phonology

Phonetics	Phonology
<ul style="list-style-type: none"> <li>• <b>Phonetics is the study of speech sounds.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Phonology</b> is the study of the speech sounds used in a language.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Phonetics</b> belong to descriptive linguistics.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Phonology</b> belongs to theoretical linguistics.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Phonetics</b> studies the production, transmission, reception of sound.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Phonology</b> studies different patterns of sounds in different languages.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Phonetics</b> does not study one particular language.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Phonology</b> can study one specific language.</li> </ul>