



**2<sup>nd</sup> Stage**

# **English Language Refrigeration and Air- conditioning Vocabulary**

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Engineering of Refrigeration and Air Conditioning Technologies  
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**Refrigeration** = تبريد

Refrigeration means cooling a space or a substance

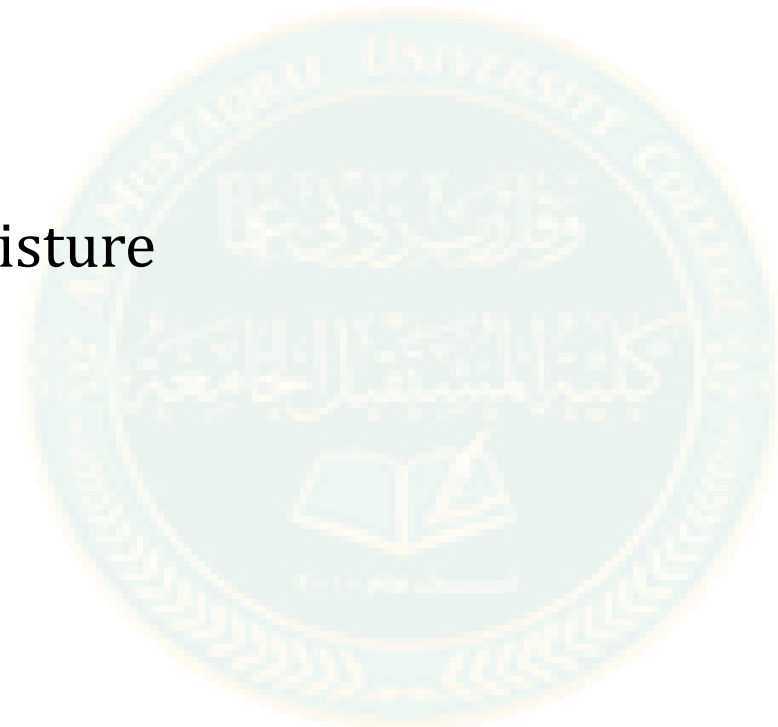
التبريد يعني تبريد مكان أو مادة معينة

**Air-conditioning** = تكييف

Air-conditioning is the process of removing heat and moisture

تكييف الهواء هو عملية إزالة الحرارة و الرطوبة

I always turn on the **air-conditioning** when it is very hot





Word	Definition
<b>Ice</b>	water that is so cold it has become solid
<b>Refrigerant</b>	a chemical substance that can be used to make or keep things cold
<b>Compressor</b>	a (part of a) machine that presses gas or air into less space
<b>Heat</b>	the quality of being hot or warm, or the temperature of something
<b>Temperature</b>	the measured amount of heat in a place or in the body:
<b>Hot</b>	having a high temperature
<b>Cold</b>	at a low temperature, especially when compared to the temperature of the human body, and not hot, or warm
<b>Vaporization</b>	the process of turning, or causing something to turn, from a solid or liquid state into gas
<b>Unit</b>	a single thing or a separate part of something larger



Word	Meaning
Ice	ثلج, جليد
Refrigerant	وسيط تبريد
Compressor	ضاغط
Heat	حرارة
Temperature	درجة الحرارة
Coldness	برودة
Hot	حار
Cold	بارد
Vaporization	تبخر
Unit	وحدة



Word	Definition
<b>Radiation</b>	a form of energy that comes from a nuclear reaction and that can be very dangerous to health
<b>Humidity</b>	a measurement of how much water there is in the air
<b>Fan</b>	an electric device with blades that turn quickly, used to move the air around
<b>Air sterilizer</b>	a machine for making things completely clean and free from bacteria
<b>Filter</b>	devices for removing solids from liquids or gases
<b>Air dryer</b>	a machine that dries things
<b>Duct</b>	a tube or pipe that carries liquid or air
<b>Pressure</b>	the force you produce when you press something
<b>Machine</b>	a piece of equipment with several moving parts that uses power to do a particular type of work



Word	Meaning
Radiation	اشعاع
Industrial refrigeration	تبريد صناعي
Humidity	رطوبة
Relevant humidity	رطوبة نسبية
Fan	مروحة
Air sterilizer	معقم هواء
Filter	مصفاة, مرشح
Air dryer	جهاز تجفيف الهواء
Duct	مجرى
Pressure	ضغط
Machine	آلة, ماكينة



## Homework 2

**Write an article in your major with considering the vocabulary explained in this lecture within 100 words.**

