

	<b>Vocabulary words for Introduction to process technology</b>
atom	the smallest particle of an element that retains the properties of that element
Analyzer	a device used to check the specifications of a material
carbon	an element present in organic compounds
catalyst	a substance that increases the rate of a reaction without being consumed
celcius	a measurement scale for temperature
chemical	a substance with a distinct composition produced by or used in a process
coal	an organic,energy producing mineral consisting primarily of carbon & hydrogen
compound	a substance that contains atoms of different elements in definite proportions
compressor	a device used to transport gases
conductor	A material that allows electricity or heat to pass freely.
density	the ratio of an object's mass to volume
electrons	negatively charged particles that orbit the nucleus of an atom
Fahrenheit	a measurement scale for temperature
Fitting	a device used to join piping, reduce piping size, start/stop flow, change direction of flow
element	a substance composed of like atoms that can not be broken down further
flammable	capable of being burned
flow	the movement of fluids
flow rate	the quantity of fluid that moves past a point within a given amount of time
friction	resistance to flow
gas	a substance with no definite shape or volume
heterogenous	matter with properties that are not the same throughout
homogenous	matter that is uniformly distributed
hydrocarbon	a substance that contains only hydrogen and carbon
hydrogen	the simplest element consisting of 1 electron and 1 proton
insulator	A material that will not conduct heat or electricity
Level	the heighth of a material in a vessel measured from a reference point
liquid	a substance with no definite shape but with definite volume
mass	the amount of matter in an object
mixture	2 or more substances mixed together but do not react chemically (air)
molecule	2 or more atoms held together by chemical bonds

neutron	a neutrally charged particle in the nucleus of an atom
nitrogen	an element that composes 78% of the air
organic	contains carbon
oxygen	an element used to sustain life
pressure	the force exerted on a surface divided by the area
proton	a positively charged particle in the nucleus of an atom
pump	a device used to transport liquids
reactor	a vessel used for chemical reactions
solid	a substance with definite shape and definite volume
soluble	describes a substance being dissolved in a solvent
solution	a homogenous mixture of 2 or more substances
solvent	the substance present in a solution in the largest amount
tank	a vessel used for storing liquids
temperature	the measure of the hotness or coldness of an object
tower	a tall cylindrical vessel used for various processes
toxic	capable of causing damage to a person's health
valve	a piping system component used to control the flow rate of fluids
velocity	the speed with which an object is moving
viscosity	the measure of a fluid's resistance to flow
water	a compound consisting of oxygen and hydrogen