

# Kentucky Class Notes

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CHE 105 Woodrum  
Fall 2009  
Test 1

Class notes:

Referenced from Dr. Woodrum's power point presentation

Chapter one:

August 28, 2009

Slide 1

- ✓ **CHEMISTRY:** the study of matter and the changes it undergoes

Slide 2:

- ✓ **MATTER:** anything which has mass and takes up space
- ✓ If you can touch it, Its matter

Slide 3:

- ✓ A mixture is a combination of two or more substances in which the substances retain their distinct identities.
- ✓ **HOMOGENEOUS MIXTURE:** the composition of the mixture is the same throughout
- ✓ **HETEROGENEOUS MIXTURE:** the composition is not uniform

Slide 4:

- ✓ An **ELEMENT** is a substance that cannot be separated into simpler substances by chemical means
- ✓ 115 elements have been identified