2009 Spring 03. 09. 2009

Advanced Physical Metallurgy "Amorphous Materials"

	Class #	<u>Name</u>
1. Explain the difference between	crystal transi	tion and glass transition using
schematic diagram for specific vol	lume vs temp	erature.
2 What kind of unique proportion	wara ranartad	l in amarahaya matariala?
2. What kind of unique properties v	were reported	in amorphous materials?
nature. Since their discovery in a ra	pidly solidified	
issue in the field has been understar compounds or stabilized by entropy made in determining atomic structu electron microscopy. One system is	y? In recent y re, largely by	years, major strides have been direct imaging using advanced
	ly established at atomic cluster	as a new physical state of matter. ers some tens of atoms in size,

useful materials application.

phasons may in future allow their unique macroscopic properties to be tailored for