

Tuesday

ONLY TUESDAY? I CAN'T DEAL.



Start Time	Start Time	Activity	End Time	End Time
8:00	11:05	Agenda North Bridge Quiz	8:45	11:45
8:45	11:45	Lecture:	9:05	12:05
9:05	12:05	Labs	10:10	1:10
10:15	1:10	Clean up	10:20	1:15
1:20	1:15	Come to middle tables for end of class activity	10:20	1:35
		Class excused		



A festive red background with white and gold Christmas ornaments, snowflakes, and swirling lines. The ornaments are white with intricate patterns, and the snowflakes are gold and white. The background is a deep red with a subtle pattern of small white dots.

SUPER DUPER IMPORTANT

• **72** days until
Christmas

• **161** days until Tory's (and
Peter's) birthdays

• Monday

- Labs
- New Groups
- Module Start Page Due
- Online video: Motherboard form factors
- Quiz: Motherboard form factors

• Tuesday

- Lecture
- Labs
- ASB Meeting
- Quiz

• Wednesday

- Lecture
- Labs
- Activity
- Quiz

THIS WEEK

• Thursday

- Labs
- Lecture
- Quiz
- Homework: Online video

• Friday

- Labs
- Work on Project
- Test: Tuesday or Wednesday

LEARNING TARGETS THIS UNIT

- When I get to the end of this lesson, I can do these things:
- Understands a EULA.
- Understand the difference between a custom install and update when installing Windows 7.
- Understand how to install an OS from DVD media.
- Understand what a virtual machine, virtual hard drive, and host OS is, and how they all work together.



LEARNING TARGETS THIS UNIT

- Recognize the differences between X86 and X64 operating systems and know when to use them.
- Understand how to boot from a CD/DVD and how to access the special boot menu or set a BIOS to boot from DVD.
- Understand how to partition a hard drive from the Installation interface.
- Understand how to join a workstation to a domain.
- Understand what the BIOS is.
- Access the BIOS
- Set password on the BIOS



LEARNING TARGETS THIS UNIT

- Locate the DMI on a motherboard
- Understand how to reset the BIOS.
- Identify ports and jacks by sight.
- Identify cables by sight.
- Understand that each pin has a specific purpose to carry data, power, synchronization, or ground.
- Identify the processor in your computer.



LEARNING TARGETS THIS UNIT

- Understand how to identify your motherboard.
- Understand how to identify processors that will work with a given motherboard.
- Understand the different parts of a motherboard.
- Identify the parts of your motherboard.
- Identify where the jumper blocks are on your motherboard.
- Understand the purpose of the jumper block.





READING

- PC

Motherboards

QUESTION ONE

- What is the purpose of the Northbridge?

QUESTION TWO

- The Northbridge is also known as the

QUESTION THREE

- The Northbridge communicates with what devices on the motherboard?

QUESTION FOUR

- What is a GMCH?

QUESTION FIVE

- Why doesn't your northbridge work with a whole bunch of processors?

QUESTION SIX

- This is the most prominent factor on a motherboard that dictates the number, speed, and type of CPU as well as the type of RAM that can be used.

QUESTION SEVEN

- Intel architecture since the Pentium Pro can handle up to ___ GB of RAM addressing.

QUESTION EIGHT

- A northbridge will usually only work with one or two different _____ ASICs.

QUESTION NINE

- What is an ASIC?

QUESTION TEN

- The CPU talks to the _____ and that talks to the _____

SNACK BAR

- There will be lots of great food for your enjoyment at the Snack Bar, which opens Tuesday, October 13th. AM Session: 8:45AM-9:15AM
- PM Session: 11:45AM-12:15PM
Be sure to bring your program's basket
- with you for service. We hope to see you there!

THIS WEEK AT SNO ISLE

- Monday Oct 12
 - ASB Executive Officer Meeting 8:30 and 11:30 in Study Center
 - No School Skykomish
- Tuesday Oct 13
 - ASB Meeting 8:30, 11:30 in Study Center
- Wednesday Oct 14
 - Lakewood students arrive late 11:10
 - No School Darrington
- Thursday Oct 15
 - No School Sultan
- Friday Oct 16
 - No School Sultan