

# Technology 9/10 Computer Maintenance and Upgrade Protection

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## (I) Windows Update

What does windows update do?

What is the benefit of windows update?

If you choose not to update what are the dangers?

How do you activate windows update (the system/process)?

Do you need internet access to do windows update? Why?

## (II) Software Protection

- Anti Virus
  - What does antivirus do?
  - What is the benefit of having an antivirus?
  - If you choose not to update the antivirus what are the dangers?
  - What is the difference between a free/free to try/purchase antivirus?
  - Can you name an antivirus cleaner software?
  
- Microsoft Security Essentials ([www.microsoft.ca](http://www.microsoft.ca))
  - What does Microsoft Security Essential do?
  - What is the benefit of having/using Microsoft Security Essential?
  
- Spyware/Malware Cleaner
  - What is/are Spyware/Malware?
  - What is the benefit of cleaning Spyware/Malware from your computer?
  - What will happen if you don't clean the Spyware/Malware from your computer?
  - Can you name a spyware/malware cleaner software?
  - What is the difference between spyware and malware?
  
- Registry Cleaner
  - What does a windows registry do?
  - How do we break/damage the windows registry?
  - How do we clean/repair the windows registry?
  - What will happen if you choose not to repair the registry file?
  - Can you name a registry cleaner software?

(III) Windows Firewall

- What does windows firewall do?
- What is the benefit of windows firewall?
- If you choose not to activate windows firewall what are the dangers?
- How do you activate windows firewall (the system/process)?
- Can you access the internet without windows firewall? Is this a good idea? Why?

(IV) Personal Behaviors **(Very Important Questions)**

- Provide a list of personal behaviors to help with protecting your computer.
- Provide a list of dangers if your personal behavior is not helping you to protect your computer:

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Downloading: [www.cnet.com](http://www.cnet.com)

**(Very Important Question)**

If I want to download a cleaner/antivirus software from CNET,  
“can you provide all the steps in sequential order as to how to do that?”

## Videos Watched during class (YouTube):

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- Viruses, Worms and Botnet Explained (5:33)
- How TCP/IP Works (13:01)