

# Powerpoint Project Guidelines:



You are to develop a powerpoint presentation and present it to the class at the beginning of the period on your chosen day.

## **Topic:**

The following topics are valid for Java powerpoint presentations:

Computer Security: What are some issues regarding data security and information over the internet

How the Internet Works: What exactly happens when you browse a web page

Software development: What are some trends/tools being used to write software

Operating Systems: What role does an operating system play? What are some of the ones in use today

The software industry: who are the big players? how much money is being made

Software piracy: Discuss the issues surrounding piracy

Hackers: What they do, why they do it

Viruses: What are they, give some examples, how are they fought against

Computer Careers: What does a software developer, systems architect, systems analyst, web designer, quality assurance specialist, network administrator, data base administrator, graphics designer, web master actually do? What educational background is needed? Who makes the really big bucks?

Artificial Intelligence: How do AI systems work? Give some examples.

Programming Languages: Explore a programming language. Give us a detailed look at who is using it (C++, Java, JavaScript, Perl, Assembly Language, FORTRAN, COBOL, PHP, etc)

Computer Ethics: Pick an ethical issue in computing

Freedom of speech on the internet: explore issues raised by the wide open nature of the internet

USENET: What are the usenet newsgroups? How did they get started, who manages them?

What happens when a PC boots? Why does it take so long?

Networks, who built the first network, what kind of software control networks?

Video game development – How games are written, what type of language is used to program, etc.

Open source software development

Other topics are possible, check with instructor

**Length:**

Presentation should be around 9-14 slides, and take from 5-10 minutes including 2 minutes for questions

**Grading Rubric:**

Oral Communication Skills: Appropriate volume for all students to hear, uses eye contact throughout presentation (all parts of room), Stands with good posture, etc. Engages audience, uses voice inflection 30 points

Powerpoint Appearance: Coordinated color scheme, font sufficient to read in back of room, appropriate use of pictures/sounds, no misspellings, good use of slide transitions, information is succinct and accurate 20 points

Notesheets used: Use of notecards/sheets with typed outline (more details needed than the bullets themselves) 10 points

Handles questions from audience throughout presentation 5 points

Information is pertinent to topic and clear (can be explained by presenter, if cannot be explained, presenter is able to acknowledge, also source is listed by presenter (ie some source must be turned in at time of presentation) 10 points

TOTAL 75 points

If Late, 15 % off per day not done, 3<sup>rd</sup> day = no credit