

2BA6
Computer and Society
Michaelmas Term 2003
Lecture Notes

Week 1 - 08/10/2003

- 1 Sun Day
- 2 Moon Day
- 3 Mars Day
- 4 Mercury Day
- 5 Jupiter Day
- 6 Venus Day
- 7 Saturn Day

Computer Science and Society

History and Philosophy of Science

Story told from the perspective of the telling

"The Structure of Scientific Revolutions" - Thomas S. Kuhn

Questions and Answers

Who made the world?

How did the world come into being?

How did time start?

Le Sens Pratique de Philosophie (the Practical Sense of Philosophy)

The Act of Asking the Right Questions

Q. Does it exist or is it only in my "mind"?

Week 2 - 15/10/2003

No Lecture

Week 3 - 22/10/2003

To Do

Week 4 - 29/10/2003

One page essay in HTML format on a "Scientific Revolution related topic from the course textbook". - Due next Wednesday.

1984 - Orwell - Newspeak

Ponte - find out about

Bruno

Vico - History

Joyce

Beckett

Tin Drum - Gunter Grass - Crabwalk

Week 5 - 05/11/2003

"Oryx and Crake" - Margaret Atwood (Canadian)

"Snow Crash" - Stephenson

Kuhn's Trigger -

Aristotle - "Laws of Motion"

Thomas S. Kuhn - "The Copernican Revolution" (1957) - page 75

Thomas S. Kuhn - "The Essential Tension" (1977)

Computer Science Revolution

Socrates - learn how to ask questions

Plato

Aristotle

Theophrastus

Week 6 - 12/11/2003

Method - way to find knowledge

Socratic - asking questions - manner or method of framing

Bizzme language - easier to remember eg UNIX.

- Airline Pilots
- UNIX Programs
- Priests (Religion)

"My goal is to pervert you for life"

Astronomy: Keplen - Ellipse, Observations, Measurements

Simple Harmonic Motion

1 Week 7 - 19/11/2003

1. Exam - 3rd December - Open Book

Covered Material of current term:

- Lectures - Kuhn

2. Group Project (Max 5 people)

Hilary Term

Subject Matter

Information \rightarrow "Google News 4500".

- 3.

What is the point of this course - 2BA6?

"Teaching \longleftrightarrow Research"

Exam:

”What is this thing called Computer Science?”

Commnt on History and Philosphy of Science.

Danta ... Bruno ... Nico ... Joyce

Comment on Crabwalk (In Krebsqang).

Comment on the days of the week with respect to Kuhn’s ”Structure of Scientific Revolutions”.

Week 8 - 26/11/2003

Weapons of Mass Deception - Sheldon Rampton, John C. Stauber

- Reuters
- Associated Press

Information

INFO - MATION
INFORM ATION

History – Latinised

Herstory

Author(ity)

Information → Knowledge → Wisdom