

B345 Internet Science and Technology

Week 1 lecture 2

Learning Objectives

- Have an general understanding of what constitute the field of ICT.
- Appreciate what the different people involved with ICT are.
- Prepare for the rest of the semester, when learning about the Internet using various Science and Technology knowledge areas.

Internet Science and Technology

- Emerged from
 - Computer Science
 - Information Systems
 - Information and Communications Technology

How to determine what these terms mean?

- Look for specifications of "Body of Knowledge".
- "Body of knowledge" are defined for different purposes.

Body of Knowledge in ICT

- What do our national and state department's of education use?
- Professional bodies?
 - Computing Curricula 2001 (CC2001)
 - ACS
- Where is the Internet in all of these?

Looking at Job Descriptions

- Careers in ICT
- Concentrates on what is available in an organisational structure.

What is in an ICT infrastructure?

- Hardware
- Software
- Content
- Processes
- Management Oversight

A list of key people

- End users
- Managers
- Systems Analysts
- System Designers
- Programmers
- Content Developers
- Support Personnel

List Incomplete!

- The previous list is incomplete.
- BUT at least shows us that different people needs to see different things with "the Internet".
- Still... it is very organisation-oriented.

What are we going to study for the rest of this semester?

- Study the Internet from
 - Different perspectives and different people.
 - Different topic areas in ICT.