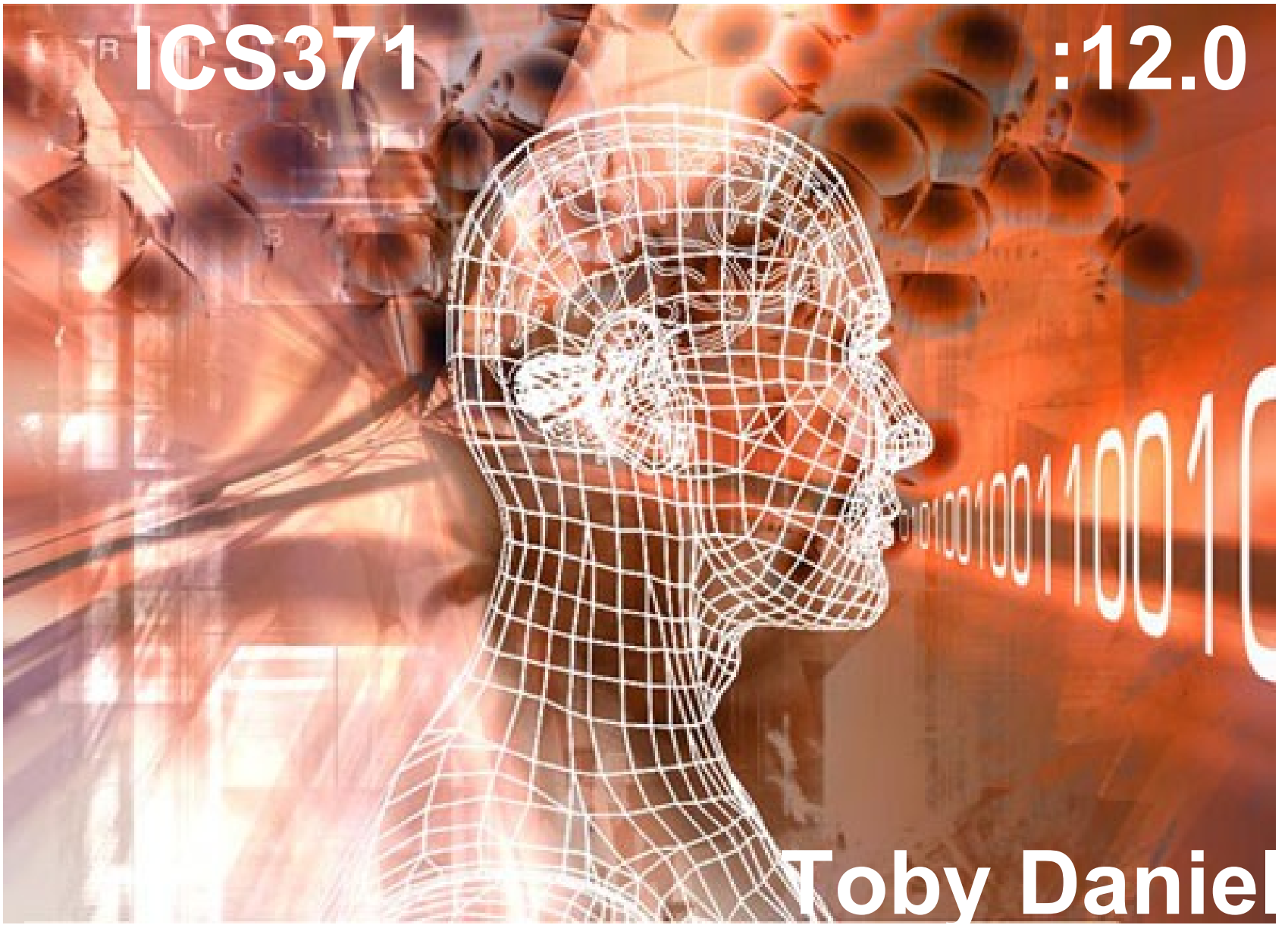


ICS371

:12.0

Toby Daniel



Multimedia Authoring Software

- Multimedia authoring software are tools that are used by developers to create and package multimedia content.
- The content is then delivered to end users of the multimedia system using one of a number of distribution channels.
 - web, kiosk, interactive CD-ROM, or executable file.

Multimedia Authoring Software

- There are a number of different types of multimedia authoring software.
- Authoring software is usually designed for a specific type of content or distribution format.

Multimedia Authoring Software

- Powerpoint – MS Presentation
- Impress – OpenOffice Presentation
- Web editors – Dreamweaver, Frontpage
- Flash – Timeline based, web, animation, video
- Authorware – Flowchart based, e-learning
- Director – Movie based, video, animation
- Lectora – Web based, e-learning
- ToolBook – Windows based, CBT

RIDA

Rich Interfaced Desktop Applications

- These allow multimedia to be incorporated into a single application that runs on the desktop.
- Usually a single executable file (.exe) containing all the necessary media content and GUI.

Screenweaver

- Screenweaver is an open source RIDA that allows developers to integrate flash interface and content into a self contained executable file.
- Benefits include not requiring the flash player to be installed on users machines.
- Creates executables for Windows and/or Mac OSX.

<http://screenweaver.org/>

Making Multimedia Applications

- Design
- Creation
- Publication
- Distribution



Designing Multimedia

- Review/Define Requirements
- Decide on Distribution method
- Plan content
 - Interface design
 - Navigation maps
 - Story boards etc.
- Decide on Authoring software

Creating Multimedia

- Create content
 - Text, images, audio, video
- Optimise content for constraints of distribution method
 - File size, resolution, frame rate etc.
- Integrate content into a single session using the most appropriate authoring tool.
- Conduct user acceptance testing
- Redesign based on test results.

Publishing and Distribution

- Publish content into the correct format
 - Html, flash, video, exe etc.
- Package content for distribution
 - CD, DVD, Web site etc.
- Distribute to end users.

