



# MODULARPROGRAMME

## ASSESSMENTSPECIFICATION

### Module Details

<b>Module Code</b> UFEEJ6-10-3	<b>Run</b> 07SEP/1 TB2	<b>Module Title</b> Advanced Distributed Systems
<b>Module Leader</b> Ian Johnson	<b>Module Tutors</b> Ian Johnson, Peter Martin	
<b>Component and Element Number</b> B1		<b>Weighting: (% of the Module's assessment)</b> 25%
<b>Element Description</b> Coursework		<b><u>Total Assignment time</u></b> 6 hours + lab sessions

### Dates

<b>Date Issued to Students</b> 28/02/08	<b>Date to be Returned to Students</b> 15th May 2008
<b>Submission Place</b> <b>THE POST BOXES IN N BLOCK FOYERS</b> Boxes are open two weeks before submission date	<b>Submission Date</b> 17th April 2008
	<b>Submission Time</b> <b>2.00 pm</b>

### Deliverables

As per attached specification

### Module Leader Signature

*Ian Johnson*

Your assignment this term is based on the lab overview posted on the module web-page, and attached to this document. You are free to work using any programming language supported in the laboratory.

Each component will be marked out of 10 and returned. These pieces of work **MUST** be resubmitted at the hand-in, although the marks will not be altered. This will give a mark out of 90 which will be scaled to give a percentage.

Whilst you are free to use the code provided to support these exercises, where it is used it **MUST BE CREDITED.**

Marking will be based on the quality and robustness of your code, error and exception handling, commenting and presentation. Each component will receive equal weight although the later components involve substantially greater work

Any queries concerning functionality should be directed to your lab tutor.

### **Deliverables:**

9 marked demonstrated and feedbacked printouts of your exercises together with the signoff sheet from the overview.

Some suggested sources:

#### **Jini**

W. Keith Edwards; “*Core JINI*”, Prentice Hall, 1999.

#### **UPnP**

M. Jeronimo & J. Weast; “*UPnP Design by Example*”, Intel Press, 2003.

Golden. G. Richard III, “*Service and Device Discovery: Protocols and Programming*”, McGraw-Hill 2002

#### **SSL**

Thomas, S A; “*SSL & TLS Essentials: Securing the Web*”, Wiley 2000  
Rescorla, E; “*An Introduction to openSSL programming*”, RTFM Inc. (*available from module web page*)