LOUGHBOROUGH UNIVERSITY

Regulations for the Postgraduate Degree Programmes in Internet Computing and Network Security Multimedia and Internet Computing Digital Imaging, Computer Graphics and Vision Information Technology applicable from session 2008/2009

These Regulations should be read in conjunction with Regulation XXI and the relevant Module Specifications. Notice of change will be given by the department responsible for the programme.

- 1. Structure
- 1.1 Administrative responsibility

The Programmes are the responsibility of the Department of Computer Sciences.

1.2 Degree Awarded

The Programmes lead to the award of MSc, Postgraduate Diploma or Postgraduate Certificate.

1.3 Duration

Taken full-time, the programmes are of twelve months' duration. Two semesters are spent in studying taught modules with a total modular weight of 120 credits. The remaining time is devoted to a project with a modular weight of 60 credits, which may, subject to satisfactory arrangements for supervision, be carried out in collaboration with an industrial partner.

The programme may be taken on a part-time basis. A part-time candidate must complete the project module within a maximum period of one year after completion of the taught modules.

2. Content

Throughout these regulations the following abbreviations will be used in place of full programme names:

- \* IC+NS Internet Computing and Network Security
- \* MInC Multimedia and Internet Computing
- \* DICGV Digital Imaging, Computer Graphics and Vision
- \* IT Information Technology

The modules comprising the programme are shown in the tables below (the X indicates a compulsory module for this programme):

## Semester 1

| <u> </u> |                                   |        |       |      |       |    |
|----------|-----------------------------------|--------|-------|------|-------|----|
| Code     | Module Title                      | Weight | IC+NS | MInC | DICGV | IT |
| COP501   | Java and the Internet             | 15     | Χ     | Χ    | Χ     |    |
| COP504   | Object-Oriented System Design For | 15     | Χ     | Χ    |       |    |
|          | eCommerce                         |        |       |      |       |    |
| COP512   | Modelling and Simulation          | 15     | Χ     | Χ    | Χ     |    |
| ELP709   | Communication Networks            | 15     | Χ     |      |       |    |
| COP506   | Fundamentals of Multimedia        | 15     |       | Χ    | Χ     | Χ  |
| COP450   | Essential Skills for Computing    | 15     |       |      |       |    |
| COP521   | Digital Imaging                   | 15     |       |      | Χ     |    |
| COP451   | Internet Programming              | 15     |       |      |       | Χ  |
| COP452   | Computer Systems                  | 15     |       |      |       | Χ  |
| COP455   | Network Systems                   | 15     |       |      |       | Χ  |

## Semester 2

| Code   | Title                                  | Weight | IC+NS | MInC | DICGV | IT |
|--------|--|--------|-------|------|-------|----|
| COP508 | Ethical, Legal and Professional Issues | 15     | X     | Χ    | Χ     | Χ  |
|        | of IT                                  |        |       |      |       |    |
| COP503 | Research Methods                       | 15     | Χ     | Χ    | X     | Χ  |
| ELP013 | ATM Networks                           | 15     | Χ     |      |       |    |
| ELP016 | Communication Network Security         | 15     | X     |      |       |    |
|        | and eCommerce                          |        |       |      |       |    |
| ISP486 | Information Management and the         | 15     |       | Χ    |       |    |
|        | Semantic Technologies                  |        |       |      |       |    |
| COP507 | Computer Vision                        | 15     |       | Χ    | Χ     |    |
| COP453 | Information Systems and Modelling      | 15     |       |      |       | Χ  |
| COP522 | Computer Graphics and Visualisation    | 15     |       |      | Χ     |    |
| COP511 | Practical IT Systems                   | 15     |       |      |       | Χ  |

**Project** 

| Code   | Title             | Weight | IC+NS | MInC | DICGV | IT |
|--------|-------------------|--------|-------|------|-------|----|
| COP325 | Computing Project | 60     | Χ     | Χ    | Χ     |    |
| COP420 | Computing Project | 60     |       |      |       | Χ  |

- 3. Assessment
- 3.1 Each module in the programmes will be assessed and credit awarded in accordance with the levels of achievement specified in Regulation XXI.
- 3.2 The eligibility of candidates on the programmes for the award of the Degree of Master, for Distinction in this award, for the award of a Postgraduate Diploma and for the award of a Postgraduate Certificate, will be in accordance with Regulation XXI.
- 3.3 Candidates who have, over a period of not more than eight years:
  - \* studied modules with a total rating of not less than 180 credits; and
  - \* accumulated 150 credits by achieving 50% or better; and
  - \* attained 40%, or better, in other modules with a total weight of 30

are eligible for consideration for the award of MSc.

- 3.4 Candidates who have, over a period of not more than five years
  - \* studied modules with a total rating of not less than 120 credits; and
  - \* accumulated 105 credits by achieving 50% or better; and
  - \* attained 40%, or better, in other modules with a total weight of 15

are eligible for consideration for the award of Postgraduate Diploma.

- 3.5 Candidates who have, over a period of not more than three years
  - \* studied modules with a total rating of not less than 60 credits; and
  - \* accumulated 60 credits by achieving 50% or better

are eligible for consideration for the award of Postgraduate Certificate.

3.6 Candidates who have the right of re-assessment in any module, with the exception of project modules, may be offered the opportunity to undergo re-assessment in the University's Special Assessment Period. This right may not be available for all modules on the programmes, notably the ELP modules on the IC+NS programme.