

**國立臺北科技大學 電子工程系**  
**甲組學術導向博士班研究生資格考科目與論文計點認定標準**

91 年 9 月 17 日系務會議通過  
91 年 9 月 26 日校長核可  
94 年 3 月 18 日經系所核備修訂  
94 年 8 月 1 日更改所名  
96 年 10 月 22 日經系所核備修訂  
101 年 2 月 13 日經系所核備修訂  
102 年 10 月 29 日經系所核備修訂  
103 年 8 月 1 日系所合一更名  
103 年 11 月 17 日經系所核備修訂

一、本認定標準係依據『國立臺北科技大學電子工程系博士班研究生論文計點辦法』與『國立臺北科技大學電子工程系博士班研究生資格考實施要點』訂定之。

二、資格考核科目，自研究所所列甲組開課課程中任選三科，亦得經指導教授同意跨組選考一科。

三、論文計點標準

A 級：6 點，B 級：3 點，C 級：2 點，D 級：0.5~1 點。

四、最低畢業點數：8 點

3 年(含)畢業者：至少一篇 6 點 (即至少 1A 且 first author)

3 年(不含)以上至 5 年(含)以內畢業者：至少一篇 6 點或兩篇 3 點以上 (即至少 1A 且 first author，或 2B, 且 first author)

5 年(不含)以上畢業者：至少一篇 6 點或一篇 3 點以上 (即至少 1A 且 first author，或 1B, 且 first author)

五、論文級數認定及計點參考表

| Grade | Paper                                                         | Comment       | Points |
|-------|---------------------------------------------------------------|---------------|--------|
| A     | IEEE Transactions or Journals                                 | regular paper | 6      |
| A     | IEEE Proceedings                                              | regular paper | 6      |
| A     | ACM Transactions or Journals                                  | regular paper | 6      |
| A     | ACM Proceedings                                               | regular paper | 6      |
| A     | ACM/Springer Mobile Networks and Applications                 | regular paper | 6      |
| A     | Communications of the ACM                                     | regular paper | 6      |
| A     | Data Mining and Knowledge Discovery                           | regular paper | 6      |
| A     | International Journal of Geographical Information Science     | regular paper | 6      |
| A     | Journal of Network and Computer Applications                  | regular paper | 6      |
| A     | Journal of Biomedical Informatics                             | regular paper | 6      |
| A     | International Journal of Medical Informatics                  | regular paper | 6      |
| A     | International Journal of Technology Assessment in Health Care | regular paper | 6      |

| Grade | Paper                                                         | Comment       | Points |
|-------|---------------------------------------------------------------|---------------|--------|
| A     | Computers in Biology and Medicine                             | regular paper | 6      |
| A     | Sensors and Actuators A: Physical                             | regular paper | 6      |
| B     | 等級為 A 類期刊之 Short paper, Letters 或 Correspondence 均屬之          |               | 3      |
| B     | IEEE Magazines                                                | regular paper | 3      |
| B     | ACM Magazines                                                 | regular paper | 3      |
| B     | ACM Newsletters                                               | regular paper | 3      |
| B     | IET Journals                                                  | regular paper | 3      |
| B     | IET Magazines                                                 | regular paper | 3      |
| B     | IET Electronics Letters                                       | regular paper | 3      |
| B     | IEICE Transactions                                            | regular paper | 3      |
| B     | IEICE Electronics Express                                     | regular paper | 3      |
| B     | SIAM Journals                                                 | regular paper | 3      |
| B     | WSEAS Transactions                                            | regular paper | 3      |
| B     | Wireless Networks                                             | regular paper | 3      |
| B     | Computer Networks                                             | regular paper | 3      |
| B     | Computer Communications                                       | regular paper | 3      |
| B     | Networks                                                      | regular paper | 3      |
| B     | International Journal of Distributed Sensor Networks          | regular paper | 3      |
| B     | EURASIP Journal on Wireless Communications and Networking     | regular paper | 3      |
| B     | Ad Hoc Networks                                               | regular paper | 3      |
| B     | International Journal of Mobile Network Design and Innovation | regular paper | 3      |
| B     | Journal of High Speed Networks                                | regular paper | 3      |
| B     | Journal of Communications and Networks                        | regular paper | 3      |
| B     | Journal of the Communications Network                         | regular paper | 3      |
| B     | Wireless Personal Communications                              | regular paper | 3      |
| B     | Applied Microwave & Wireless Magazine                         | regular paper | 3      |
| B     | Wireless Systems Design Magazine                              | regular paper | 3      |
| B     | International Journal of Wireless Information Networks        | regular paper | 3      |
| B     | International Journal of Communication Systems                | regular paper | 3      |

| <b>Grade</b> | <b>Paper</b>                                                     | <b>Comment</b> | <b>Points</b> |
|--------------|------------------------------------------------------------------|----------------|---------------|
| B            | European Transactions on Telecommunications                      | regular paper  | 3             |
| B            | International Journal of Satellite Communications and Networking | regular paper  | 3             |
| B            | The Computer Journal                                             | regular paper  | 3             |
| B            | Information Systems                                              | regular paper  | 3             |
| B            | Information Sciences                                             | regular paper  | 3             |
| B            | Decision Support Systems                                         | regular paper  | 3             |
| B            | Data & Knowledge Engineering                                     | regular paper  | 3             |
| B            | Future Generation Computer Systems                               | regular paper  | 3             |
| B            | Journal of Computer and System Sciences                          | regular paper  | 3             |
| B            | Theoretical Computer Science                                     | regular paper  | 3             |
| B            | International Journal of High Speed Computing                    | regular paper  | 3             |
| B            | International Journal of High Performance Computing Applications | regular paper  | 3             |
| B            | Journal of Parallel and Distributed Computing                    | regular paper  | 3             |
| B            | Parallel Computing                                               | regular paper  | 3             |
| B            | International Journal of Parallel Programming                    | regular paper  | 3             |
| B            | International Journal of Ad Hoc and Ubiquitous Computing         | regular paper  | 3             |
| B            | Pervasive and Mobile Computing                                   | regular paper  | 3             |
| B            | Wireless Communications and Mobile Computing                     | regular paper  | 3             |
| B            | The Visual Computer                                              | regular paper  | 3             |
| B            | International Journal of Systems Science                         | regular paper  | 3             |
| B            | Journal of Information Science                                   | regular paper  | 3             |
| B            | Journal of Information Science and Engineering                   | regular paper  | 3             |
| B            | Information Processing Letters                                   | regular paper  | 3             |
| B            | Computing and Informatics                                        | regular paper  | 3             |
| B            | Information Systems Management                                   | regular paper  | 3             |
| B            | International Journal of Network Management                      | regular paper  | 3             |
| B            | Signal Processing                                                | regular paper  | 3             |
| B            | Signal Processing: Image Communication                           | regular paper  | 3             |
| B            | Graphical Models                                                 | regular paper  | 3             |
| B            | Computers & Graphics                                             | regular paper  | 3             |
| B            | Pattern Recognition                                              | regular paper  | 3             |

| <b>Grade</b> | <b>Paper</b>                                                                      | <b>Comment</b> | <b>Points</b> |
|--------------|-----------------------------------------------------------------------------------|----------------|---------------|
| B            | International Journal of Pattern Recognition and Artificial Intelligence          | regular paper  | 3             |
| B            | International Journal of Computer Vision                                          | regular paper  | 3             |
| B            | Image and Vision Computing                                                        | regular paper  | 3             |
| B            | Journal of Visual Communication and Image Representation                          | regular paper  | 3             |
| B            | Neural Networks                                                                   | regular paper  | 3             |
| B            | Fuzzy Sets and Systems                                                            | regular paper  | 3             |
| B            | Machine Learning                                                                  | regular paper  | 3             |
| B            | Machine Vision and Applications                                                   | regular paper  | 3             |
| B            | International Journal of Human-Computer Studies                                   | regular paper  | 3             |
| B            | The Journal of Grey System                                                        | regular paper  | 3             |
| B            | International Journal of Robotics and Automation                                  | regular paper  | 3             |
| B            | Journal of Systems Architecture                                                   | regular paper  | 3             |
| B            | Journal of Algorithms                                                             | regular paper  | 3             |
| B            | Performance Evaluation                                                            | regular paper  | 3             |
| B            | Mathematics and Computers in Simulation                                           | regular paper  | 3             |
| B            | Simulation: Transactions of the Society for Modeling and Simulation International | regular paper  | 3             |
| B            | Computers & Mathematics with Applications                                         | regular paper  | 3             |
| B            | Annals of Mathematics and Artificial Intelligence                                 | regular paper  | 3             |
| B            | International Journal of Modelling and Simulation                                 | regular paper  | 3             |
| B            | Journal of Electronic Testing: Theory and Applications                            | regular paper  | 3             |
| B            | Acta Electronica Sinica                                                           | regular paper  | 3             |
| B            | Chinese Journal of Electronics                                                    | regular paper  | 3             |
| B            | International Journal of Electronics                                              | regular paper  | 3             |
| B            | International Journal of Electronics and Communications                           | regular paper  | 3             |
| B            | Journal of Circuits, Systems, and Computers                                       | regular paper  | 3             |
| B            | International Journal of Circuit Theory and Applications                          | regular paper  | 3             |
| B            | Journal of the Franklin Institute                                                 | regular paper  | 3             |
| B            | Computers and Electrical Engineering                                              | regular paper  | 3             |
| B            | Journal of the Chinese Institute of Engineers                                     | regular paper  | 3             |

| <b>Grade</b> | <b>Paper</b>                                                  | <b>Comment</b> | <b>Points</b> |
|--------------|---------------------------------------------------------------|----------------|---------------|
| B            | International Journal of Electrical Engineering               | regular paper  | 3             |
| B            | Tamkang Journal of Science and Engineering                    | regular paper  | 3             |
| B            | International Journal of Applied Science and Engineering      | regular paper  | 3             |
| B            | Journal of Systems and Software                               | regular paper  | 3             |
| B            | Software: Practice and Experience                             | regular paper  | 3             |
| B            | International Journal of Web and Grid Services                | regular paper  | 3             |
| B            | Journal of Internet Technology                                | regular paper  | 3             |
| B            | Nuclear Instruments and Methods in Physics Research           | regular paper  | 3             |
| B            | Annals of Biomedical Engineering                              | regular paper  | 3             |
| B            | British Journal of Biomedical Science                         | regular paper  | 3             |
| B            | Medical Engineering & Physics                                 | regular paper  | 3             |
| B            | Medical & Biological Engineering & Computing                  | regular paper  | 3             |
| B            | Telemedicine Journal and E-Health                             | regular paper  | 3             |
| B            | Journal of Telemedicine and Telecare                          | regular paper  | 3             |
| B            | Computer Methods and Programs in Biomedicine                  | regular paper  | 3             |
| B            | Methods of Information in Medicine                            | regular paper  | 3             |
| B            | Journal of Clinical Monitoring and Computing                  | regular paper  | 3             |
| B            | Biomedical Engineering—Applications, Basis and Communications | regular paper  | 3             |
| B            | Journal of Medical and Biological Engineering                 | regular paper  | 3             |
| B            | Measurement Science & Technology                              | regular paper  | 3             |
| B            | Measurement                                                   | regular paper  | 3             |
| B            | Applied Mechanics and Materials                               | regular paper  | 3             |
| B            | Journal on Computing                                          | regular paper  | 3             |
| B            | Sensors                                                       | regular paper  | 3             |
| B            | Radiotherapy And Oncology                                     | regular paper  | 3             |
| B            | International Journal Of Radiation Oncology Biology Physics   | regular paper  | 3             |
| B            | Radiation Oncology                                            | regular paper  | 3             |
| B            | Journal Of Rehabilitation Research And Development            | regular paper  | 3             |
| B            | Radiology And Oncology                                        | regular paper  | 3             |
| B            | International Journal Of Computer Assisted                    | regular paper  | 3             |

| Grade | Paper                                                | Comment                   | Points |
|-------|------------------------------------------------------|---------------------------|--------|
|       | Radiology And Surgery                                |                           |        |
| B     | Journal Of Medical Imaging And Radiation Oncology    | regular paper             | 3      |
| B     | Health Informatics Journal                           | regular paper             | 3      |
| B     | Technology And Health Care                           | regular paper             | 3      |
| B     | Journal Of Medical Imaging And Health Informatics    | regular paper             | 3      |
| B     | Journal Of Healthcare Engineering                    | regular paper             | 3      |
| B     | International Journal of Sensor Networks             | regular paper             | 3      |
| B     | Ad Hoc & Sensor Wireless Networks                    | regular paper             | 3      |
| B     | Science China Information Sciences                   | regular paper             | 3      |
| C     | 等級為 B 類期刊之 Short paper, Letters 或 Correspondence 均屬之 |                           | 2      |
| C     | 具全文審查且接受率在 55%(含)以下之國際學術會議論文                         | 以該項申請時，申請人須檢附全文審查及接受率證明文件 | 2      |
| D     | 技術學刊(Journal of Technology)                          | regular paper             | 1      |
| D     | 經實質審查之發明專利                                           |                           | 0.5    |
| D     | 國際性學術會議論文                                            |                           | 0.5    |
| D     | 國內性學術會議論文                                            |                           | 0.25   |