

106 學年度第 1 學期通訊系博士班資格考申請書

Application for the Qualifying Examination

Name : _____

Group : _____

說明事項：

1. 學生須於入學七學期內，資格考須通過學科考試三科，其中一科為共同必考外，另二科為選考。

Within 7 semesters starting from the first semester of admission into the EE PhD program, students need to attempt three subjects for the writing exam: one is from the fundamental exam subjects, the others are from the elective courses.

2. 共同必考科目為（下列二個單元選一個）：

(1) 第一單元：數學【含線性代數、微分方程、機率】【三選二】100 分。

(2) 第二單元：電子學（必選）佔 50 分及電路學、電磁學【二選一】佔 50 分。

Fundamental exam subject : (Choosing one subject)

- (1) Mathematics : Linear Algebra (scores 50), Differential Equation (scores 50), and Probability (scores 50) (Choosing two from three)

- (2) Electronics (required, scores 50), Electrical Circuitry (scores 50) or Electromagnetism (scores 50) (Choosing one from two)

3. 共同科目於本系網頁上有參考題庫，其中 50% 乃參考題庫之技術觀念而出，但可能另輔以題型等變化；另外 50% 則是自由出題。

Sample tests for the Fundamental exam subject are available on the department's web page. Over 50% of the test questions might be chosen (or modified) from this sample set.

4. 各組可選考之專業科目為 (Elective exam courses are) :

組 別 Group Name	考 試 科 目 Exam Course	
	Fall semester	Spring semester
Communication Systems	數位通信 Digital Communications	隨機程序 Stochastic Processes
Communication and Networking	排隊理論 (Queueing Theory) 通訊協定 (Communication Protocol)	電腦網路 (Computer Network) 網路最佳化 (Network Optimization)

※請於 106 年 09 月 22 日前申請，逾期不予受理。

Deadline for Application: Sep 22th, 2017

考試科目 Exam Course	科目組別 Group name	考試日期 Exam Date	備註 Notice

指導教授簽名 Advisor Signature : _____

申請日期 Date of Application : _____