

97 學年度電子系、電信所 碩士班招生考試參考書目

所別：電子所

電磁學	<ol style="list-style-type: none"> 1. Fields and Wave Electromagnetics, 2nd ed, David K. Cheng, 1989, Addison Wesley 2. Electromagnetic Field Theory Fundamentals 2nd ed., Bhag Guru and Hüseyin Hiziroğlu, 1998, Cambridge University Press
工程數學	“Advances engineering mathematics”,9th, 2006 by Erwin Kreyszig
電子學	<ol style="list-style-type: none"> 1. A. S. Sedra & Kenneth C. Smith, <u>Microelectronic Circuits</u>, 5th ed., CBS College Publishing. (主要參考書) 2. Donald A. Neamen, <u>Electronic Circuit Analysis and Design</u>, Irwin Inc. Company.
計算機組織	David A. Patterson and John L. Hennessy ”Computer Organization and Design, Revised Printing, 3/e: The Hardware/Software Interface”
邏輯設計	<ol style="list-style-type: none"> 1. ”Introduction to Logic Design”, 2nd Edition, Alan B. Marcovitz 2. ”Fundamentals of Logic Design”, Charles H. Roth, Jr.
近代物理	<ol style="list-style-type: none"> 1. ”Modern Physics”, 4th edition, Paul A. Tipler and Ralph A. Llewellyn, W. H. Freeman & Company, USA, 2003 2. ”Concepts of Modern Physics”, 6th edition, Arthur Beiser, McGraw-Hill, 2003

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