



**EECE DEPARTMENT**  
**PROFESSIONAL MASTERS**  
**IN**  
**ELECTRONICS AND TELECOMMUNICATIONS**



## **Material Covered in the Professional Masters Admission Exam**

### **❑ Communications, Computer Electronics and Communications**

- 1- Simon Haykin, **Communication Systems**, 4<sup>th</sup> Edition  
Chapters 4, 5, 6 (until Section 6.10)
- 2- Alan Oppenheim, Alan Willsky and S. Nawab, **Signals and Systems**, 2<sup>nd</sup> Edition  
Chapters 1, 2, 3, 4, 5, 7, 8
- 3- T. S. Rappaport, **Wireless Communications: Principles and Practice**, 2<sup>nd</sup> Edition  
Sections 4.1, 4.2, 4.4, 4.5, 4.6
- 4- B. Lathi, **Modern Digital and Communication Systems**, 3<sup>rd</sup> Edition  
Chapters 4, 5, 6, 7
- 5- Jean Warland, **Communication Networks: A First Course**  
Chapters 1, 2, 3
- 6- David Patterson, John Hennessy and Morgan Kaufmann, **Computer Architecture: A Quantitative Approach**, 3<sup>rd</sup> Edition  
Appendix A
- 7- Dorzek, **Data Structures and Algorithms in C++**  
Chapters 3, 4, 5
- 8- Morris Mano, **Logic and Computer Design Fundamentals**  
Chapters 3, 4, 5, 7
- 9- Barry Brey, **The Intel Microprocessors: Architecture, Programming and Interfacing**, 6<sup>th</sup> Edition  
Chapters 1, 2, 3