

## List of Suggested Text Books needed for the area of Computer Engineering

Logic & Computer Design                      Mano & Kime/  
Fundamentals, 2<sup>nd</sup>/2000                      Prentice-Hall, Inc./  
(013555312)

Assembly Language for Intel-Based Computers,  
4<sup>th</sup> Edition/2003, by Kip R. Irvine, (ISBN # 0-13-049146-2),  
published by Prentice-Hall.

The Intel Microprocessors,                      B.B. Brey  
(0130487201)                                      Prentice-Hall, Inc

The Architecture of                                      Englander, I.  
Computer Hardware & Sys.                      Jhon-Wiley & Sons, Ltd.  
Software: An Infor. Tech. Approach, 1996  
(0471310379)

Computer Organization & Design David A. Paterson  
Design: The Hardware/Software                      Morgan Kaufmann Publishers  
Interface  
(1558604286)

Data & Computer Communi-                      Stallings  
cations, 7<sup>th</sup> Edi.                                      Prentice-Hall, Inc.  
(0130843709)

Comuter Network: A Top                                      Kurose  
3<sup>rd</sup> Edition (0321176448)                                      Addison-Wesley, Inc.

Applied Data Commun.:                                      Goldman, J.E.  
A Business-Oriented                                      Jhon-Wiley & Sons, Ltd.  
Approach, 4<sup>rd</sup> Edition  
(0471170674)

CMOS Digital Integrated Cir.: Kang/Leblebici  
Analysis and Design,                                      McGraw-Hill, Inc.  
3<sup>rd</sup> Edition (0072925078)

Inside the PC,    Nortran  
7<sup>th</sup>/1997    McGraw-Hill, Inc.  
(0672310414)

TTL Logic: Standard TTL                                      Texax A&M  
Schottky, Low-Power Schottky                                      Univ. Press  
Data Book, 1999

The Art of Computer Sys. Jain  
Performance Analysis,                                      John-Wiley & Sons  
Techniques for Experimental  
Design, Measurement,  
Simulation and Modeling, 1991  
(0471503363)

Advanced M/processor  
Architectures, 1987  
Addison-Wisley

Ciminiera/  
Valenzano

VHDL Analysis and Modeling of  
Digital Systems, 1998  
(0070464790)

Navabi  
McGraw-Hill Inc.

VLSI RISC Architecture  
and Organization, 1989.

Furber  
Marcel Dekker, Inc.

CAD Logical Design with Hill/Peter  
Emphasis on VLSI, 4<sup>th</sup> Edi. John-Wiley & Sons Ltd.  
(0471575275)

Reliable Computer Sys.:  
Design and Evaluation,  
3<sup>rd</sup> Edition/1998 (156881092x)

Siewiorek/Swarz  
A. K. Peters, Ltd.

Local & Metropolitan  
Area Networks, 1997/5th  
(0132537338)

Stallings, W.  
Prentice-Hall, Inc.

High Speed Networks and  
Internets: Performance  
And Quality of Service  
2002 (0130991848)

Stallings,  
Prentice-Hall, Inc.

JAVA: Network Programming Hughes/Shoffner  
2<sup>nd</sup> Edition/1999  
copies available in BS) Manning Publications Co

(11

Intro. to NMOS and  
CMOS VLSI Sys. Design,  
1986.

Mukherjee  
Prentice-Hall, Inc

Robotics: Control,  
Sensing, Vision &  
Intelligence, 1987  
(0070226253)

Fu/ Gonzalez Lee/  
McGraw-Hill, Inc.

Machine Vision  
(00713407-7)

Ramesh Jan, R. Kasturi,  
and B. G. Schunck

Data Acquisition  
Techniques Using  
PCs, 1991.

Austerlitz,  
Academic Press

Computer Arch. A Quantitative Hennessy  
Approach, 3<sup>rd</sup> Edition

Data Networks,  
2<sup>nd</sup>/1992 (0132009161)

Bertsekas  
Prentice-Hall, Inc.

Performance Analysis  
of Local Computer  
Networks, 1988

Hammond/  
O'Reilly  
Addison-Wisley

Digital Sys. Testing  
& Testable Design for  
Testability, 1990  
(0780310624)

Abramovici  
IEEE Press

VLSI Physical Design  
Automation: Theory &  
Practice, 1995 (0780311418)

Sait & Youssef  
IEEE Press

Intro. to Robotics  
Mech. & Control,  
1986

Craig  
Addison-Wisley

Comp. No. Sys. &  
Arithmetic, 1985

Scott  
Prentice-Hall, Inc.

Quantitative Sys.  
Performance: Computer  
Sys. Analysis using  
Queueing Network Models, 1984.

Lazowska/  
Graham/Sevcit

Simulation Modeling Analysis  
3<sup>rd</sup> Edition

Law, Kelton

Network and Internetwork  
Security: Principles &  
Practice, 1995

Stallings  
Prentice-Hall, Inc

Network Management:  
Principles and Practice  
2000 (0201-35742-9)

Subramanian, M  
Addison-Wesley, Inc

Parallel Comp. Architectures  
A Hardware/Software Approach  
1999

David, Jasw

Parallel Comp. Architectures  
A Hardware/Software Approach  
1999, (15455860-343-3)

Culler and Sing  
Morgan Kaufmann