

Appendix A

A1. Scoring System

The GPA system with a 4.2 scale is used. Letter grades and Grade point system are as below

A+ : 4.2 , A : 4.0 , A- : 3.7

B+ : 3.3 , B : 3.0 , B- : 2.7

C+ : 2.3 , C : 2.0 , C- : 1.5

Overall Grade Point Average is used to award Classes as follows

3.70 or Above First Class

3.30 - 3.69 Second Class- Division Upper

2.70 - 3.29 Second Class -Lower Division

2.00 - 2.69 Pass

A2.GPA Summary

Of totally six semesters in the department and eight semesters in the faculty, including internship and two terms

Level	Semester	GPA (Out of 4.20)	Rank in the department
Level I	I	4.17 (Dean's list)	N/A
Level I	II	4.20 (Dean's list)	N/A
Level II	I	4.18 (Dean's list)	1
Level II	II	4.15 (Dean's list)	1
Level II	June Term	4.2	1
Level III	I	4.12 (Dean's list)	1
Level III	II	Internship	N/A
Level IV	I	4.10 (Dean's list)	1
Level IV	II	To Be Completed	-

A3. List of Subjects

Subjects in major field, in engineering, in math, and in sciences, in that order:

Subject name	Textbook	Year	Grade
Digital System Design	<i>Digital Design, by Frank Vahid</i>	2008	A+
Communication Theory	<i>Communication Systems, by Simon Haykin</i>	2008	A+
Microwave Communications	<i>Microwave Engineering, by David M Pozar</i>	2008	A+

Information Theory and Coding	<i>Text book Elements Of Information Theory, by Thomas M Cover, Jay A Thomas</i>	2008	A+
Advanced Electronics	<i>Microelectronic Circuits, by Sedra Smith</i>	2008	A-
Computer Networks	<i>Computer Networks, by Andrew S. Tanenbaum</i>	2007	A+
Intelligent Systems	<i>Artificial Intelligence: A Modern Approach, by Stuart Russell and Peter Norvig</i>	2007	A+
Embedded Systems	<i>Embedded System Design, by PETER MARWEDEL</i>	2007	A
Computer Aided Design and Simulations	<i>Matlab Programming For Engineers, by Chapman</i>	2007	A+
Electronics	<i>Microelectronic Circuits, by Sedra Smith</i>	2007	A
Electronic Instrumentations and Control	<i>Electronic Test Instruments: Analog and Digital measurements, by Robert Witte</i>	2007	A
Communications	<i>Digital Communications, by Simon Haykin</i>	2007	A
Electromagnetics	<i>Elements of Engineering Electromagnetics, by Nannapaneni Narayana Rao</i>	2007	A+
Digital Signal Processing	<i>Discrete-Time Signal Processing, by Alan V. Oppenheim, Ronald W. Schafer, John R. Buck</i>	2007	A+
Principles of Object Oriented Programming	<i>Object-Oriented Programming Using C++ by Grady Booch, Babak Sadr</i>	2006	A+
Operating Systems	<i>Modern Operating Systems, by Andrew S. Tanenbaum</i>	2006	A+
Electrical Measurements	<i>Electronic Instruments and Instrumentation Technology, by M.M.S. Anand</i>	2006	A+
Computer Organization	<i>Computer System Architecture, by M. Morris Mano</i>	2006	A+
Robot Design and Competition	<i>Robotic Explorations: A Hands-on Introduction to Engineering, Prentice Hall</i>	2006	A+
Signals and Systems	<i>Signals and System, by Simon Haykin, Barry Van Veen</i>	2006	A+
Theory of Electricity		2006	A+
Principles of Electronics	<i>Electronic Devices and Circuits, by Theodore F. Bogart, Jeffrey S. Beasley, Guillermo Rico</i>	2006	A+

Introduction to communication systems	<i>A Telecommunication Primer, by Brian E Carne</i>	2006	A
Computer Systems	<i>Fundamentals of Computers, V. Rajaraman, Prentice-Hall</i>	2005	A
Electrical Engineering		2005	A+
Computer Applications	<i>C Programming Language, by Brian W. Kernighan, Dennis Ritchie</i>	2005	A+
Electronic Engineering	<i>Electronics Circuits and devices, by Ralph. J. smith</i>	2005	A+
Mechanics of Materials	<i>Engineering Mechanics - R. C Hibbler</i>	2006	A+
Engineering Materials	<i>Engineering Materials Technology, W Bolton</i>	2005	A+
Thermodynamics	<i>Engineering Thermodynamics Heat and Work Transfer, by Gordon Rogers and Yon Mayhew</i>	2005	A+
Applied Mechanics (Dynamics)	<i>Mechanics of Machines, by John Hannah & R. C Stephens</i>	2005	A+
Applied Mechanics (Statics)	<i>Mechanics for Engineers - Static and Dynamics, by F.P Beer and E.R Johnson</i>	2005	A+
Chemical Engineering	<i>Chemical Engineering - Coulson - Vol 1, 111, v1</i>	2005	A+
Fluid Mechanics	<i>Understanding Hydraulics, by Les Hamill</i>	2005	A+
Operational Research	<i>Operations Research: An Introduction, by Hamdy A. Taha</i>	2008	A+
Applied Statistics	<i>Mathematical Statistics with Applications by William Mendehall, Dennis, D.Wackerly, Richard L. Scheaffer</i>	2007	A+
Differential Equations	<i>Advanced Engineering Mathematics, by H.K Das</i>	2006	A
Calculus	<i>Calculus, by Swokowski</i>	2006	A+
Linear Algebra	<i>Advanced Engineering Mathematics, by H.K Das</i>	2006	A
Discrete Mathematics		2006	A+
Methods of Mathematics	<i>Advanced Engineering Mathematics, by H.K Das</i>	2005	A+
Mathematics	<i>Calculus by Spiegel Murray</i>	2005	A+
Organizational Behavior and Management		2008	A
Business Economics and Financial Accounting	<i>Managerial Economics, Applications, strategy and Tactics, by McGuigan R.J, Moyer, R.C and Harris F.H</i>	2007	A+

A4. Dean's List and course requirements

Full time undergraduate student who achieve a semester grade point average of 3.80 or better, have completed at least the minimum number of Credits on a letter graded basis during the semester considered, have no Incomplete grades or Failures, and have no disciplinary action against them are recommended by the Board of Examiners to be included in the Dean's List.

The requirement for graduation is 150 credits. Of this requirement, 15 credits are earned through modules that are designated as Non-GPA modules. The grades earned at these modules are not taken for the purpose of calculating the Semester GPA, Overall GPA or in the award of Classes.