



ATENEO DE DAVAO UNIVERSITY
SCHOOL OF ARTS AND SCIENCES
Bachelor of Science in Industrial Engineering
Revised Curriculum 2007

First Year

First Semester

Course Code	Course Title	Units
Math 111E	College Algebra	5
Math 112E	Plane and Spherical Trigonometry	3
Chem 12	Principles of Chemistry Lec	3
Chem 12L	Principles of Chemistry Lab	2
ES 113	Engineering Drawing I (Manual)	2
Eng 11	Basic Communication Skills	3
Fil I	Komunikasyon sa Akademikong Filipino	3
FYCFI	First Year Christian Formation	1
PE I	Physical Education	2
Total Number of Units		24

Second Semester

Course Code	Course Title	Units
Math 121E	Analytic Geometry	3
Math 211E	Differential Calculus	5
Hum I	Introduction to Arts Appreciation	3
ES 123	Engineering Drawing 2 (CAD)	2
Eng 13	Grammar and Composition	3
Fil I	Pagbasa at Pagsulat Tungo sa Pananaliksik	3
Socio 111	Society and Culture w/ Family Planning	3
FYCF 2	First Year Christian Formation	1
PE 2	Physical Education	2
Total Number of Units		25

Second Year

First Semester

Course Code	Course Title	Units
IE 210	Industrial Organization and Management	3
Math 221E	Integral Calculus	5
Phys 211	University Physics I Lec	3
Phys 212	University Physics I Lab	2
Eng 21	Speech Arts	3
PS 211	Philippine Constitution and Government	3
PE 3	Physical Education	2
NSTP-CWTS 1	NSTP-CWTS I	3
Total Number of Units		24

Second Semester

Course Code	Course Title	Units
IE 220	Fundamentals of Accounting	5
Math 311E	Differential Equations	3
Phys 221	University Physics II Lec	3
Phys 222	University Physics II Lab	2
Math 321E	Probability and Statistics	3
Lit I	Literatures of the Philippines	3
Theo 111	Jesus Christ and Salvation History	3
NSTP-CWTS 2	NSTP-CWTS 2	3
PE 4	Physical Education	2
Total Number of Units		27



Third Year

First Semester

Course Code	Course Title	Units
IE 310	Industrial Materials and Processes Lec	5
IE 311	Industrial Materials and Processes Lab	1
IE 313	Advanced Statistics	3
Math 320E	Advanced Engineering Math	3
ES 312	Engineering Mechanics	5
ME 310	Thermodynamics	3
Econ 111	Introduction to Economics with Agrarian Reform and Taxation	3
Eng 23	Writing Across the Disciplines	3
Total Number of Units		26

Second Semester

Course Code	Course Title	Units
IE 320	Macroeconomic Analysis	3
IE 321	Methods Engineering	5
IE 322	Operations Research I	3
ES 322	Strength of Materials	3
ES 323	Research Methods	3
IE 100	Total Quality Management	3
Theo 121	Church and Sacraments	3
Hist 111	Philippine History	3
Total Number of Units		26



Fifth Year

First Semester

Course Code	Course Title	Units
IE 200	Marketing/Project Feasibility Study I	3
IE 300	Industrial Systems Design	3
IE 510	File Management	3
TE 511	Facilities Planning and Design	3
IE 512	Seminars and Field Trips	1
I E 513	Labor Code	3
Philo 106	Philosophy of Religion	3
Total Number of Units		19

Second Semester

Course Code	Course Title	Units
IE 400	Systems, Analysis and Design	3
IE 520	Engineering Ethics	3
IE 521	Project Feasibility Study 2	3
ES 510	Safety Engineering	3
ES 512	Introduction to Environmental Engineering	3
Philo 107	Moral Philosophy	3
Theo 141	Christian Commitment and Solidarity	3
Total Number of Units		21

