

COLLEGE OF ENGINEERING – PROSPECTUS

GEODETIC ENGINEERING Prospectus			
FIRST SEMESTER - FIRST YEAR			
Offer Code	Subject	Units	Prerequisites
GENELECT1	Living in the IT Era	3	None
GENELECT2	Environmental Science	3	None
EPP	English Proficiency Program	3	None
BES100	Computer Fundamentals and Programming	3	None
PE1	Movement Competency Training (PATHFIT-1)	3	None
NSTP1	National Service Training Program 1	2	None
ALCO100	Principles of Geology	3	None
GE100	General Surveying 1	3	None
MPE101	Mathematical Proficiency for Engineering 1	3	None
SECOND SEMESTER - FIRST YEAR			
MPE102	Mathematical Proficiency for Engineering 2	3	None
GE109	Survey Camp	1	GE100
PE	Exercise-based Fitness Activities (PATHAT-2)	2	PE1
NSTP2	National Service Training Program 2	3	None
MPS100	Differential Calculus	3	MPE101 & CO-REQ MPE102
MPS102	Physics for Engineers	4	MPE101, CO REQ MPE102 & MPS 100
GE101	General Surveying 2	4	GE100
GECC103	Mathematics in the Modern World	3	None
GECC105	Purposive Communication	3	EPP
FIRST YEAR-SUMMER			
BES102	Engineering Mechanics	3	MPS102
MPS103	Engineering Data Analysis	3	GECC103
BES103	Computer Aided Drafting	2	BES100
SECOND YEAR - FIRST SEMESTER			
GECC107	Science, Technology and Society (IT)	3	None
GENELECT3	The Entrepreneurial Mind	3	None
GE102	Cartography	3	BES103
PE3	Dance and Sports 1 (PATHFIT-3)	2	PE2
MPS101	Integral Calculus	3	MPS100
GE103	Geometric Geodesy	3	GE101 & MPS100
GE104	Theory of Errors and Adjustments	3	MPS103 & MPS100
GE106	Engineering Surveys	3	GE101
SECOND YEAR - SECOND SEMESTER			
GE108	Physical Geodesy	3	GE103
PE4	Dance and Sports 2 (PATHFIT-4)	2	PE3
MPS104	Differential Equations	3	MPS101
GE106	Property Surveys	5	GE101
GECC101	Understanding the Self	3	None
GECC102	Readings in the Philippine History	3	None
GECC106	Art Appreciation	3	None
GE110	Introduction to the Laws on Private and Public Lands	3	GE101
SECOND YEAR-SUMMER			
ALCO101	Electrical and Electronics Engineering for Geodetic Engineers	3	MAS102
ALCO102	Advanced Information and Communication Technology	3	BES100
BES105	Engineering Management	3	None
THIRD YEAR- FIRST SEMESTER			
BES104	Engineers Economics	3	GECC103
GE112	Satellite Geodesy	3	GE108 & ALCO102
REED1	The Preambles of Faith	3	None
GE117	Public Land Laws and Laws on Natural Resources	3	GE110
GE111	Geodetic Computations and Adjustments	4	GE104
GE114	Photogrammetry	4	GE102 & CO-REQ GE111
THESIS100	Methods of Research (Thesis Writing 1)	3	MPS103
THIRD YEAR- SECOND SEMESTER			
RIZAL	Life and Works of Rizal	3	None
GE119	Land Registration Laws	3	GE117
GECC104	The Contemporary World	3	None
GE115	Remote Sensing	4	GE114
GE113	Hydrographic Surveying	3	GE101
REED2	The Life and Work of St. John Paul II	3	REED1
CAGE100	Competency Appraisal for Geodetic Engineering (Mathematic Courses)	3	All MPS & BES Courses
GE116	Geodetic Surveying	4	GE103 & GECC105
THIRD YEAR-SUMMER			
ALCO103	Environmental Science and Engineering	3	BES105 & GENELECT2
BES101	Safety Management	1	None
GE118	Geographic Information Systems	3	GE114 & GE102
FOURTH YEAR- FIRST SEMESTER			
CAGE200	Competency Appraisal for Geodetic Engineering	3	GE 116, CO-REQ GE107, GE121, GE120 and GE122
GE107	Geodetic Engineering Laws, Obligations and Contracts, Ethics	3	GE119
GE121	GE Elective (GE Unmanned Aerial System)	4	GE115 & GE116
GECC108	Ethics	3	None
PELECT104	Technopreneurship	3	GENELECT3
THESIS200	Pecial Students in Geodetic Engineering (Thesis Writing 2)	3	THESIS100
GE120	Land Use Planning and Development	3	GE115
GE122	Land Administration and Management	3	GE117, GE119 & & CO-REQ GE120

