



Republic of the Philippines
NEGROS ORIENTAL STATE UNIVERSITY
 R.A. 9299 June 24, 2004



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COLLEGE OF INDUSTRIAL TECHNOLOGY
AACUP Accredited Level II (RE-Accredited Status)
TESDA- Registered Institution
 Phone : (63)(35) 225-9400-133

PROSPECTUS in BACHELOR OF TECHNOLOGICAL EDUCATION (BTE)
 Major in
ELECTRICAL TECHNOLOGY
 Course Curriculum, Effective SY 2008-09

Name: _____ Year and Section: _____

FIRST YEAR

FIRST SEMESTERSY					
Subject Code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
*Eng 0	Grammar, Rhetoric and Composition	0			
Eng 111	Study and thinking Skills	3	Passed Eng. Qual. Exam		
Math 111	College Algebra	3	-		
Psych 111	General Psychology	3	-		
Chem 111	General Chemistry 1	5	-		
Tech Draw 111	Fundamental of TS and ID	3	-		
Tech 111	Basic Technology Process I	4	-		
P.E. 111	Physical Fitness and Health	2	-		
NSTP111	National Service Training Program(Army)	3	-		
	Total	26	-		

SECOND SEMESTER					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Eng 112	Writing Discipline	3	Eng 111		
Math 112	Plane Trigonometry	3	Math 111		
BCS 111	Computer Fundamental w/ Application	3	-		
Chem 112	General Chemistry 2	5	Chem 111		
Tech Draw 112	TS, ID, and Blue Print Reading	3	Tech Draw 111		
Tech 112	Basic Technology Process II	4	-		
P.E. 112	Recreation, Games and Sports	2	P.E. 111		
NSTP 2	National Service Training Program(Army)	3	NSTP 1		
	Total	26	-		

SECOND YEAR

FIRST SEMESTERSY					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Eng 127	Business Correspondence	3	Eng 112		
Fil 111	Komunikasyonsa Akademikong Filipino	3	-		
Work Ethics 121	Industrial Values	3	-		
Tech Math 121	Differential Calculus	3	Math 112		
Physics 121	Mechanics and Heat	5	-		
P.E. 121	Social Recreation	2	P.E. 112		
**ELC 211	Electrical Principles	2	Tech 111, Tech 112		
**ELC 212	Electrical Installation I	3	-do-		
**ELC 213	Electrical/Electronics Measuring	1	-do-		
**ELC 214	Electrical Machines	4	-do-		
	Total	29	-		

SECOND SEMESTER					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Eng 122	Technical Writing & reporting	3	Eng 112		
Lit 114	Phil. Literature in English	3	Eng 112		
Fil 112	Pagbasa at Pagsulat/Tungosa Pananaliksik	3	Fil 111		
Tech Math 122	Integral Calculus w/ Analytical Geometry	3	Tech Math 121		
Physics 122	Physics (Elec. Magnetism/Sound/Light)	5	Physics 121		
P.E. 122	Sports Management & Cultural Presentation	2	P.E. 121		
**ELC 221	Electrical Installation 2	3	All 1 st sem 2 nd year ELC subjects		
**ELC 222	Motor Controllers & Sequence Controls	3	-do-		
**ELC 223	Introduction to Programmable Controllers & Logic Control	2	-do-		
**ELC 224	Industrial Electronics	2	-do-		
	Total	29	-		

SUMMERSY					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
**OJT 1	Industrial Orientation	5 (270 hrs)	All 2 nd Year Major Subjects		
Total		5			

THIRD YEAR					
FIRST SEMESTER			SY		
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Socio 111	Culture, Society w/ Family Planning	3			
Pol Sci 122	New Constitution & Phil. Gov't	3			
**ELC311	Automatic Control System	3	OJT 1, all 2 nd sem 2 nd year major subjects		
**ELC312	Electrical Transmission/Distribution	3	-do-		
**ELC313	Illumination Designs	3	-do-		
**ELC 314	Microcontrollers	3	BCS 111, OJT 1, all 2 nd sem 2 nd year major subjects		
**ELC 315	AutoCAD	2	-do-		
**ELC 316	Industrial Management	3	OJT 1, all 2 nd sem 2 nd year major subjects		
**ELC 317	Enterpreunership	3	-do-		
**ELC 318	Electrical Maintenance	3	-do-		
Total		29	BCS 111		

SECOND SEMESTER					
SY			SY		
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
**OJT 2	Supervised Industrial Training	21 (864 hrs)	All 3 rd year 1 st sem Major Subjects		
***FS 1	Learner's Development and Environment (Field Study)	1			
***FS 2	Experiencing the Teaching-Learning Process (Field Study)	1			
Total		23			

SUMMER					
SY			SY		
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Philo 122	General Ethics	3			
***Ed 7	Facilitating Learning	3			
Hist 141	Rizal's Work & Life	3			
Total		9			

FOURTH YEAR					
FIRST SEMESTER			SY		
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Lit 115	World Literature	3	Lit 114		
Hum 141	Introduction to Humanities & Arts	3			
Hist 111	Philippine History, Roots & Development	3			
***Ed 3	Educational Technology	3			
***Ed 4	Principles of Teaching	3			
***FS 3	Technology I the Learning Environment (Field Study)	1			
***FS 4	Exploring the Curriculum	1			
***Ed 9	Assessment of Student Learning	3			
***Ed 10	Development Reading	3			
***Ed 12	The Teaching Professions	3			
Total		26			

SECOND SEMESTER					
SY			SY		
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Econ 111	Basic Economics w/ Taxation & Agrarian Reform	3			
***FS 5	Field study	1			
***FS 6	Field Study 6	1			
***Ed 15	Practice Teaching	6			
Total		11			

- **Cut-off grade for all major subjects is 2.5.
- Cut-off grade for minor subjects is 3.0 except for transferees from other institutions (2.5).
- *** Subjects can be taken either in the first semester or second semester.