



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 SCIENCE IN AVIATION MAINTENANCE (BSAM)
 Major in
Airframe & Powerplant
 Course Curriculum, Revised SY 2011-2012

Name: _____ Year and Section: _____

FIRST YEAR

FIRST SEMESTER SY _____					
Subject Code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
*Eng 0	Remedial English	0			
Eng 111	Basic English Communication I	3	Passed Eng. Qual. Exam		
Math 111	College Algebra	3	-		
Chem 111	General Chemistry 1	5	-		
Tech Draw 111	Fundamental of TS and ID	3	-		
P.E. 111	Physical Education 1	2	-		
NSTP111	National Service Training Program(Airforce)	3	-		
**AP 111	Theory of Flight	3	-		
**AP 112	Hand Tools and Industrial Safety	3	-		
Total		25			

SECOND SEMESTER SY _____					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Eng 112	Basic English Communication 2	3	Eng 111		
Math 112	Plane Trigonometry	3	Math 111		
BCS 111	Computer Fundamental w/ Application	3	-		
Chem 112	General Chemistry 2	5	-		
Tech Draw 112	TS, ID, and Blue Print Reading	3	Tech Draw 111		
P.E. 112	Physical Education 2	2	P.E. 111		
NSTP 2	National Service Training Program(Airforce)	3	NSTP 1		
**AP 121	Aircraft Structures and Landing Gear	4	-		
Total		26			

SUMMER SY _____					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Fil 111	SiningngPakikipagtalastasan	3	-		
Psych 111	General Psychology	3	-		
Socio 111	Culture, Society w/ Family Planning	3	-		
Total		9			

SECOND YEAR

FIRST SEMESTER SY _____					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Eng 127	Business Correspondence	3	Eng 112		
Lit 114	Philippine Literature	3	Eng 112		
Tech Math 121	Differential Calculus	3	Math 112		
Physics 121	Mechanics and Heat	5	-		
P.E. 121	Physical Education 3	2	P.E. 112		
**AP 211	(Aircraft Weight and Balance) elective	3	-		
**AP 212	(Aviation Safety) elective	3	-		
**AP 213	(Aircraft Controls) elective	3	-		
Total		25			

SECOND SEMESTER SY _____					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Eng 122	Technical Writing& reporting	3	Eng 112		
Lit 115	World Literature	3	-		
Fil 112	Pagbasa at Pagsulat sa Iba't Ibang Desiplina	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	Physical Education 4	2	P.E. 121		
**AP 214	Digital Techniques	3	Math III		
**AP 215	(Aircraft Marshalling) elective	3	-		
Total		25			

SUMMERSY					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Hist 111	Philippines History, Roots & Development	3	-		
Hist 141	Rizal's life, Works & Writings	3	-		
Econ 111	Basic Economics/Taxation and Agrarian Reform	3	-		
Total		9			

THIRD YEAR

FIRST SEMESTER					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
Philo 121/122	Logics and Ethics	3	-		
Pol Sci 122	New Constitution & Philippine Government	3	-		
Hum 141	Introduction to Humanities	3	-		
**AP 311	Aircraft Materials, Const. & Repair I	4			
**AP 312	Aircraft Power plant I	4			
**AP 313	(Research and Statistics) elective	3			
**AP 314	Aircraft Fuels & Lubricants	3			
Total		23			

SECOND SEMESTER					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
**AP 315	Aircraft Materials, Const., & Repair II	4	AP 311		
**AP 316	Aircraft Power plant II	4			
**AP 317	Aircraft Propellers	4			
**AP 318	Corrosion Protection & Control	3			
**AP 319	Aircraft Instruments	3			
**AP 320	Introduction to Aircraft Manuals/Documentation	3			
**AP 321	Aircraft Electrical System(AC-DC)	3			
Total		24			

FOURTH YEAR

FIRST SEMESTER					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
**AP 411	Rotorcraft Operation & Maintenance	3	-		
**AP 412	(Maintenance Organization & Mgt.) elective	3	-		
**AP 413	Communication & Navigation System	3			
**AP 414	Air Laws & Civil Air Regulations	3			
**AP 415	A/C Maintenance Inspection & Servicing	3			
**AP 416	A/C Power plant Overhaul & Troubleshooting	3			
**AP 417	A/C System Overhaul & Troubleshooting	3			
**AP 418	Aircraft Mechanical Processes	3			
**AP 419	(Aircraft Planning & Control) elective	3			
**AP 420	Aircraft Accident Investigation	3			
Total		30			

SECOND SEMESTER					
Subject code	Descriptive Title	Units	Pre-requisite	Sem/SY Taken	Grade
**AP 421	OJT & Review	24	All major subjects		
Total		24			

- **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).