

Automotive Technology

Prospectus:

FIRST YEAR

FIRST SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	IS 103	Advanced Grammar of English	3		3	
	GE 108	Understanding the Self	3		3	
	GE 101	Art Appreciation	3		3	
	Drwg 111	Fundamentals of Drawing	1	3	2	
	Tech 111	Industrial Safety	3		3	
	Tech 112	Applied Mathematics for Technology 1	3		3	
	Tech 113	PC Application	3		3	
	NSTP 11	CWTS/ROTC/LTS	3		3	
	PE 101	PATH-FIT 1 (Movement Enhancement)	2		2	
	TOTAL CREDITS				25	

SECOND SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	GE 110	Wika at Kultura sa Mapayapang Lipunan	3		3	
	GE 107	Science, Technology and Society	3		3	
	Drwg 121	Computer Aided Drawing (CAD)	1	3	2	
	Tech 121	Applied Mathematics for Technology 2	3		3	
	Tech 122	Basic Electronics DC	2	3	3	
	Tech 123	Basic Pneumatic/Hydraulic System	2	3	3	
	NSIP 12	CWTS/ROTC/LTS	3		3	
	PE 102	PATH-FIT 2 (Fitness Exercise)	2		2	
	TOTAL CREDITS				22	

*There are 3 options under NSTP: Literacy Training Service, Civic Welfare Training Service & Reserve Officer Training Command

SECOND YEAR

FIRST SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	GE 104	Readings in Philippine History	3		3	
	GE 106	Purposive Communication	3		3	
	GE 109	The Life and Works of Rizal	3		3	
	IS 101	Bukidnon Cultural Studies	3		3	
	ATech211	Basic Automotive Technology	2	3	3	
	ATech212	Internal Combustion Engine (Gasoline)	2	3	3	
	ATech213	Basic Automotive Electrical Systems	2	3	3	
	PE 103	PATH-FIT 3 (Regional, National and International Dances)	2		2	
	TOTAL CREDITS				23	

SECOND SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	GE 103	The Contemporary World	3		3	
	GE 111	Inobasyon sa Wikang Filipino	3		3	
	GE 105	Mathematics in the Modern World	3		3	
	ATech221	Car Suspension & Underchassis	2	3	3	ATech211
	ATech222	Internal Combustion Engine (Diesel)	2	3	3	ATech212
	ATech223	Advance Automotive Electrical System	2	3	3	ATech213
	ATech224	Power Train and Braking System	2	3	3	ATech211
	PE 104	PATH-FIT 4 (Games, Sports, Outdoor & Adventure Activities)	2		2	
	TOTAL CREDITS				23	

THIRD YEAR

FIRST SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	GE 102	Ethics	3		3	
	IS 104	Technical Writing	3		3	
	IS 102	Innovative Leadership in Education	3		3	
	ATech311	Engine Overhauling and Rebuilding	2	3	3	ATech222
	ATech312	Gasoline Engine Management System	2	3	3	ATech122
	ATech313	Environmental Engineering	3		3	
	ATech 314	Refrigeration and Air Condition Servicing	2	3	3	
	TOTAL CREDITS				21	

SECOND SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	IS 105	ASEAN Studies	3		3	
	GE 112	Komtemporaryong Panitikan sa Filipinas	3		3	
	ATech321	Technical Research 1	3		3	IS104
	ATech322	Automotive Body Repair with Acetylene and Arc welding	2	3	3	
	ATech323	Automatic Transmission	2	3	3	ATech222
	ATech324	Diesel Engine Management System	2	3	3	ATech312
	TOTAL CREDITS				18	

FOURTH YEAR

FIRST SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	ATech411	OJT			6	
	TOTAL CREDITS				6	

SECOND SEMESTER

Grades	Subject	Description	Hours		Credit Units	pre-req
			Lec	Lab		
	Tech421	Laws and Professional Ethics in Industries	3		3	GE102
	Tech422	Industrial Management	3		3	
	Tech423	Project Feasibility Study	3		3	ATech321
	Tech424	Labor Laws and Human Rights Laws	3		3	
	ATech425	Basic Driving and Regulations	2	3	3	
	ATech426	Technical Elective 1	2	3	3	
	TOTAL CREDITS				18	