



BACHELOR OF INDUSTRIAL TECHNOLOGY
Major in Automotive Technology

LIST OF COURSES BY SEMESTER
BOR Resolution No.____, Series of 20____

First Year, First Semester

Course No.	Course Title	Units	Hrs/Wk			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
ATM111	Occupational Health and Safety Practices	1	1	0	1	NONE	NONE
ATM112	Internal Combustion Engine Servicing, Repair Maintenance	4	2	6	8	NONE	NONE
TDW111	Technical Drawing 1	3	3	0	3	NONE	NONE
GEC101	Understanding the Self	3	3	0	3	NONE	NONE
GEC104	Mathematics in the Modern World	3	3	0	3	NONE	NONE
GEC102	Purposive Communication	3	3	0	3	NONE	NONE
GEC103	The Contemporary World	3	3	0	3	NONE	NONE
PED001	Exercise Prescription and Management	2	2	0	2	NONE	NONE
NST001	National Service Training Program 1	(3)	(3)	0	(3)	NONE	NONE
TOTAL		22 (25)	20 (23)	6 (6)	26 (29)		

First Year, Second Semester

Course No.	Course Title	Units	Hrs/Wk			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
ATM121	Preventive Maintenance and Gas/Diesel Engine Tune-up	3	2	3	5	ATM112	NONE
ATM122	Automotive Electrical System Servicing, Repair and Maintenance	5	3	6	9	ATM112	NONE
TDW112	Technical Drawing 2	3	3	0	3	TDW111	NONE
GEC106	Art Appreciation	3	3	0	3	NONE	NONE
GEC109	Life and Works of Rizal	3	3	0	3	NONE	NONE
GEC108	Science, Technology and Society	3	3	0	3	NONE	NONE
PED002	Dance/Martial Arts	2	2	0	2	PED001	NONE
NST002	National Service Training Program 2	(3)	(3)	(0)	(3)	NST001	NONE
TOTAL		22 (25)	19 (22)	9 (9)	28 (31)		

Second Year, First Semester

Course No.	Course Title	Units	Hrs/Wk			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
ATM211	Automotive Service Shop Management	1	1	0	1	ATM112, ATM121	NONE
ATM122	Power Train and Under Chassis Servicing, Repairing and Maintenance	4	2	6	8	NONE	NONE
ATM213	Basic Automotive Air-conditioning Servicing, Repairing and Maintenance	2	1	3	4	ATM112	NONE
ATM214	Motorcycle and Small Engine Servicing, Repair and Maintenance	2	1	3	4	ATM122	NONE
GEC107	Ethics	3	3	0	3	NONE	NONE
HIS003	History of Filipino Muslims and Indigenous Peoples of MINSUPALA	3	3	0	3	NONE	NONE
FPE101	Fundamentals of Peace Education	3	3	0	3	NONE	NONE
FIL101	Wika at Kultura sa Mapayapang Lipunan	3	3	0	3	NONE	NONE
PED003	Individual/Dual Sports/Traditional/Recreational Games	2	2	0	2	PED001	NONE
TOTAL		23	19	12	31		

Second Year, Second Semester

	Course Title	Units	Hrs/Wk		
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Course No.			Lec	Lab	Total	Pre-requisite(s)	Co-requisite(s)
ATM221	Automotive Body Repair and Substrate Preparation	4	2	6	8	NONE	NONE
ATM222	Engine Overhauling and Rebuilding	5	3	6	9	ATM112, ATM122	NONE
GEC105	Readings in Philippine History	3	3	0	3	NONE	NONE
FIL102	Ekokritisismo at Pagpapahalaga sa Kalikasan	3	3	0	3	NONE	FIL101
TDW113	Computer-Aided Designing	3	2	3	5	NONE	NONE
PED004	Team Sports	2	2	0	2	PED001	NONE
	TOTAL	20	15	15	30		

Third Year, First Semester

Course No.	Course Title	Units	Hrs/Wk			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
ATM311	Metallic and Solid Color Painting Applications and Techniques	3	2	3	5	NONE	NONE
ATM312	Basic Power Conversion System Servicing, Repair and Maintenance	3	2	3	5	NONE	NONE
BIT101	Principles and Practices of Vocational and Technical Education	3	3	0	3	NONE	NONE
BIT102	Plant and Shop Layout	3	3	0	3	NONE	NONE
BIT103	Industrial Organization and Management	3	3	0	3	NONE	NONE
BIT198	Research Methods	3	3	0	3	NONE	NONE
BIT105	Industrial Psychology 1	3	3	0	3	NONE	NONE
FIL103	Inobasyon sa Wikang Pilipino	3	3	0	3	NONE	NONE
	TOTAL	24	22	6	28		

Third Year, Second Semester

Course No.	Course Title	Units	Hrs/Wk			Pre-requisite(s)	Co-requisite(s)
			Lec	Lab	Total		
ATM321	Basic Driving	2	1	3	4	ATM112, ATM122, ATM212	NONE
ATM322	Basic Electronic Engine Management System Operation and Servicing	3	2	3	5	ATM112, ATM122, ATM212	NONE
BIT106	Personnel Administration and Supervision	3	3	0	3	NONE	NONE
BIT104	Entrepreneurship	3	2	3	5	NONE	NONE
BIT199	Undergraduate Thesis	3	3	0	3	BIT198	NONE
BIT108	New Labor Code	3	3	0	5	NONE	NONE
BIT107	Work-Based Learning with Emphasis on Trainers Methodology	3	2	3	3	NONE	NONE
BIT109	Group Dynamics	3	3	0	3	NONE	NONE
	TOTAL	23	19	12	31		

Fourth Year, First Semester

Course No.	Course Title	Units	Training Hours	Pre-requisite(s)	Co-requisite(s)
BIT197 _A	On-the-Job Training 1	0	600	Completion of Academic Requirements	NONE

Fourth Year, Second Semester

Course No.	Course Title	Units	Training Hours	Pre-requisite(s)	Co-requisite(s)
BIT197 _B	On-the-Job Training 2	0	600	BIT197 _A	NONE

Total Number of Units: 132

