



**BACHELOR of SCIENCE in INDUSTRIAL TECHNOLOGY**  
**MAJOR IN AUTOMOTIVE TECHNOLOGY**  
 Based on CMO 56, S. 2007 and CMO 79, s. 2017  
 Effective S.Y 2018-2019

**FIRST YEAR**

FIRST YEAR

First Semester						
	Course Code.	Course Title	Lc	Lb	CU	Preq.
	IT 111	Occupational Health & Safety	1	0	1	None
	AT 112	Internal Combustion Engine	3	6	5	None
	AT 113	Car Care Servicing Emission & Tune-Up	2	3	3	
	GE 708	Understanding the Self	3	0	3	None
	I.D 111	Industrial Drawing (Technical Drawing)	2	1	3	None
	GE 713	Kontekstwalisadong Komunikasyon sa Filipino (KOMFIL)	3	0	3	None
	GE 701	Mathematics in the Modern World	3	0	3	None
	GE 705	The Contemporary World	3	0	3	None
	PE 101	Physical Fitness and Self -testing Activities	2	0	2	None
	NSTP 101	National Service Training Program 1	3	0	{3}	None
		TOTAL		10	26	Units

Second Semester						
	Course Code.	Course Title	Lc	Lb	CU	Preq.
	AT 121	Automotive Body Electrical System Services, Repair and Maintenance	3	6	5	AT 112
	AT 122	Basic Electricity and Electronics	3	2	3	AT 113
	GE 702	Purposive Communication	3	0	3	None
	GE 714	Sosyedad at Literatura/ Panitikang Panlipunan	3	0	3	GE 713
	GE ELEC 725	Indigenous Creative Crafts	3	0	3	None
	ID 112	Industrial Drawing (w/ CAD 2D)	2	1	3	ID 111
	PE 102	Rhythmic Activities	2	0	2	PE 101
	NSTP 102	National Services Training Program 2	3	0	{3}	NSTP 101
		TOTAL		9	22	Units

**SECOND YEAR**

SECOND YEAR

First Semester						
	Course Code.	Course Title	Lc	Lb	CU	Preq.
	AT 211	Power Train & Under Chassis Servicing	3	6	5	AT 121
	AT 212	Basic Power Conversion System, Servicing & Maintenance	2	3	3	AT 121
	AT 213	Auto HVAC System	2	3	3	AT 121
	GE 711	Cultures of Mindanao	3	0	3	GE 702
	GE 707	Readings in Philippine History	3	0	3	None
	MATH 009	Industrial Mathematics	3	0	3	GE 701
	IT 212	Industrial Psychology	3	0	3	GE 708
	PE 103	Team Sports	2	0	2	PE 101
		TOTAL		12	25	Units

Second Semester						
	Course Code.	Course Title	Lc	Lb	CU	Preq.
	AT 221	Auto Body Repair & Substrate Preparation	3	6	5	AT 121
	AT 222	Motorcycle and Small Engine Repair	2	3	3	AT 211
	Acctg 111	Financial Accounting and Reporting	3	0	3	None
	GE 709	The Life and Works of Jose Rizal	3	0	3	None
	IT 221	Intellectual Property Rights	3	0	3	None
	IT 222	Product Packaging and Labelling	3	0	3	ID 111
	PE 104	Recreational Activities	2	0	2	PE 101
		TOTAL		9	19	Units

**THIRD YEAR**

THIRD YEAR

First Semester						Second Semester							
	Course Code.	Course Title	Lc	Lb	CU	Preq.		Course Code.	Course Title	Lc	Lb	CU	Preq.
	AT 311	Engine Overhauling & Performance Testing	3	6	5	AT 223		AT 321	Electronics Engine Mgt. System	3	6	5	AT 311
										2	3	3	AT 121



TOTAL

12 25 Units

## THIRD YEAR

## First Semester

	Course Code.	Course Title	Lc	Lb	CU	Preq.
	AT 311	Engine Overhauling & Performance Testing	3	6	5	AT 223
	AT 312	Traffic Management with System	2	3	3	AT211
	AT 313	Metallic and Solid Color Painting	3	2	3	AT 221
	GE 706	Art Appreciation	3	0	3	AT 221
	GE 704	Science, Technology and Society	3	0	3	None
	Stat 003	Statistics w/ Computer Application	3	0	3	None
	GE 715	Filipino at Iba't ibang Disiplina (FILDIS)	3	0	3	GE 701
	HTPC 1	Foreign Language 1	3	0	3	None
		<b>TOTAL</b>		<b>11</b>	<b>26</b>	<b>Units</b>

## Second Semester

	Course Code.	Course Title	Lc	Lb	CU	Preq.
	AT 321	Electronics Engine Mgt. System	3	6	5	AT 311
	AT 322	Heavy equipment System	2	3	3	AT 121
	AT 323	Scan Tool Usage	2	3	3	AT 121
	TR 1	Technology Research 1 ( Thesis Writing)	3	0	3	None
	IT 321	Manufacturing Tech and Environmental Sustainability	3	0	3	None
	IT 322	International Business	3	0	3	None
	IT 323	Production Mgt. Quality Control	3	0	3	None
	HTPC 2	Foreign Language 2	3	0	3	HTPC 1
		<b>TOTAL</b>		<b>12</b>	<b>26</b>	<b>Units</b>

## FOURTH YEAR

## First Semester

	Course Code.	Course Title	Lc	Lb	CU	Preq.
	TR 2	Technology Research 2 (Special Project)	3	0	3	All Major
	IT 411	Human Resource Mgt.	3	0	3	GE 708
	IT 412	Labor Code and Industry Practices	3	0	3	None
	GE 703	Ethics	3	0	3	None
	IT 413	Entrepreneurship & Business Mgt	3	0	3	Acctng 111
	IT 414	Technology for Business Presentation	3	0	3	ID 112
	IT 415	Prin. Of Training & Industrial Layout	3	0	3	IT 321
		<b>TOTAL</b>			<b>21</b>	<b>Units</b>

## Second Semester

	Course Code.	Course Title	Lc	Lb	CU	Preq.
	IIM 411	Industrial Immersion (720 Hrs.)		30	12	All Course
		<b>Total</b>		<b>30</b>	<b>12</b>	<b>Units</b>

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## Summary of the BSIT-Automotive Curriculum

	Total
General Education	39
Professional Education	42
Madated Courses	3
Institutional Courses	6
Physical Education	8
NSTP	6
Specialization	73
Total Number of Units:	177