



RA 9299
NOPS (1907)

Republic of the Philippines
Negros Oriental State University
NOTS (1927) EVSAT (1956) CVPC (1983)
Kagawasan Ave., Dumaguete City, Negros Oriental, Philippines 6200

June 25, 2004

BACHELOR OF SCIENCE IN INDUSTRIAL TECHNOLOGY

Major in Automotive Technology

Effective School Year 2018-2019

BRIDGING PROGRAM (For Lifelong Learners and ALS Graduates)

First Semester				
<i>FIRST TERM:</i>				
BRG ENG	English for Academic and Professional Courses	3		
BRG MATH	General Mathematics	3		
BRG SCIENCE	Earth and Life Science	3		
BRG COM	Media and Information Literacy	3		
BRG PD	Personal Development	3		
TOTAL		15		

Second Semester				
<i>FIRST TERM:</i>				
AUTO	Automotive Servicing	5		
RAC	Refrigeration and Air-conditioning	5		
ELECT	Electrical Installation and Maintenance	5		
SAW	Shielded Metal Arc Welding	5		
FOOD	Bread & Pastry and Cookery	5		
COMP	Computer Systems Servicing	5		
TOTAL		5		

Note: Students will choose only one Major

<i>SECOND TERM:</i>				
GE 1	Understanding the Self	3		
GE 4	Mathematics in the Modern World	3		
GE 5	Purposive Communication	3		
GE 6	Art Appreciation	3		
GE 7	Science, Technology and Society	3		
TOTAL		15		

<i>SECOND TERM:</i>				
GE 2	Readings in Philippine History	3		
GE 3	The Contemporary World	3		
GE 8	Ethics	3		
GE 9	Life and Works of Rizal	3		
FIL 1	Akademiko sa Wikang Filipino	3		
TOTAL		15		

FIRST YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 8	Ethics	3		3	
FIL 1	Akademiko sa Wikang Filipino	3		3	
IT 100	Introduction to Information Technology	3		3	
ID 1	Industrial Drawing 1 (Basic Drawing)	1	2	3	
AUTO 100	Internal Combustion Engine Principle	2	3	5	
AUTO 101	Occupational Health and Safety	2	3	5	
PE 1	Physical Fitness and Health	2		2	
NSTP 1	National Service Training Program 1	3		3	
TOTAL		19	8	27	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 5	Purposive Communication	3		3	
GE 10	Environmental Science	3		3	
IT 102	Programming 1	1	2	3	IT 100
ID 2	Industrial Drawing 2 (Blueprint Reading)	1	2	3	ID 1
AUTO 102	Engine Overhauling/Rebuilding	2	3	5	AUTO 100,101
AUTO 103	Power Train and Under Chassis	2	3	5	AUTO 100,101
PE 2	Recreational Games and Sports	2		2	PE 1
NSTP 2	National Service Training Program 2	3		3	NSTP 1
TOTAL		17	10	27	

SECOND YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 2	Readings in Philippine History	3		3	
GE 3	The Contemporary World	3		3	
GE 11	Gender and Society	3		3	
IT 200	Technology Research 1	3		3	2nd Year Standing
IT 201	Intellectual Property Rights	3		3	2nd Year Standing
AUTO 200	Car Care and Emission Control	2	3	5	AUTO 102, 103
AUTO 201	Automotive Electricity and Electronics	2	3	5	AUTO 102, 103
AUTO 202	Fundamental of Electronics	1	2	3	AUTO 102, 103
PE 3	Rhythmic and Social Recreation	2		2	PE 2
TOTAL		22	8	30	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 6	Art Appreciation	3		3	
GE 7	Science, Technology and Society	3		3	
AST 201	Programming Controls	4	4	8	2nd Yr Standing
IT 202	Materials Technology Management	4		4	IT 200, IT 201
IT 203	Technology Research 2	4		4	IT 200, IT 201
AUTO 203	Automotive Servicing	2	3	5	AUTO 200,201, 202
AUTO 204	Electronic Engine Mgt. Control System	2	3	5	AUTO 200,201, 202
PE 4	Cultural Presentation and Sports Management	2		2	PE 3
TOTAL		24	6	30	

* STUDENTS WHO HAVE COMPLETED WITH THE TWO-YEAR PROGRAM HAVE THE OPTION TO GRADUATE ASSOCIATE IN INDUSTRIAL TECHNOLOGY

THIRD YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 4	Mathematics in the Modern World	3		3	
GE 9	Life and Works of Rizal	3		3	
AST 300	Pneumatic and Hydraulic Systems	4	4	8	AST 201
IT 300	Manufacturing Technology	3		3	IT 202
IT 301	Human Resource Management	3		3	3rd Year Standing
IT 302	Quality Control	3		3	AST 201, IT 202
AUTO 300	Airconditioning System Services	2	3	5	AUTO 202, 203
AUTO 301	Auto Body Repair and Repainting	2	3	5	AUTO 202, 203
TOTAL		23	6	29	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 1	Understanding the Self	3		3	
GE 12	Philippine Popular Culture	3		3	
AST 301	Foreign Language	3		3	3rd Year Standing
IT 303	Industrial Organization & Mgt. Practices	3		3	IT 301
IT 304	Industrial Psychology	3		3	IT 301
IT 305	Production Management	3		3	IT 300, IT 302
AUTO 302	Basic Driving	2	3	5	AUTO 300, 301
AUTO 303	Trouble Shooting and Maintenance	2	3	5	AUTO 300, 301
TOTAL		22	6	28	

FOURTH YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
AUTO 400	Supervised Industrial Training 1 (700 Hours)	0	21	21	At least 90% of all 1st to 3rd subjects & all Major Subjects
TOTAL		0	21	21	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
AUTO 401	Supervised Industrial Training 2 (700 Hours)	0	21	21	AUTO 400
TOTAL		0	21	21	

First Revision: August 2020

Summary

General Education Courses	39
Professional Education Subjects	55
Major Courses	105
Physical Education (PE)	8
National Service Training Program (NSTP)	6
TOTAL	213