



SURIGAO STATE COLLEGE OF TECHNOLOGY

Surigao City

COLLEGE OF INDUSTRIAL TECHNOLOGY

BACHELOR IN AUTOMOTIVE ENGINEERING TECHNOLOGY

(Ladderized Education Program)

Name: _____

A.Y. _____

Address: _____

FIRST YEAR

FIRST SEMESTER

GRADE	SUBJECT	DESCRIPTION	Lect	Lab	Units
	AET 101	Engine Fundamentals and Engine System	2	9	5
	AET 102	Motorcycle/Small Engine Servicing	1	6	3
	English 101	Communication Arts I	3	0	3
	Filipino 101	Komunikasyon sa Akademikong Filipino	3	0	3
	Math 101	College Algebra	3	0	3
	Nat Sci 101	General Chemistry	3	3	4
	ICT 1	Information & Comm. Tech.	2	3	3
	Drawing 101	Fund. of Tech'l Sketchng/Drwng/BPR	0	6	2
	P.E. 101	Physical Fitness	2	0	2
	NSTP 1	National Service Training Program	3	0	3
		TOTAL	22	27	31

SECOND SEMESTER

GRADE	SUBJECT	DESCRIPTION	Lect	Lab	Units
	AET 103	Automotive Chassis	2	9	5
	AET 104	Motorcycle Electrical System and Servicing	1	6	3
	English 102	Communication Arts II	3	0	3
	Filipino 102	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	3
	Drawing 102	Advanced Project Design w/ CAD	0	6	2
	Math 102	Plane and Spherical Trigonometry	3	0	3
	Philo 1	Logic and Work Ethics	3	0	3
	P.E. 102	Rythmic Activities	2	0	2
	NSTP 2	National Service Training Program	3	0	3
		TOTAL	20	21	28

TVET EXIT POINT-Qualification: Motorcycle/Small Engine Servicing NC II

SECOND YEAR

FIRST SEMESTER

GRADE	SUBJECT	DESCRIPTION	Lect	Lab	Units
	AET 201	Automotive Electrical	2	9	5
	AET 202	Engine Tune-up (Gas/Diesel)	1	6	3
	Soc Sci 201	Gen. Psychology incldng Pop Ed	3	0	3
	Engl 201	Speech and Oral Communication	3	0	3
	Physics 201	Mechanics and Waves	3	3	4
	Math 201	Probability and Statistics	3	0	3
	Lit 1	Philippine Literature	3	0	3
	Rizal	Life, Works and Writing	3	0	3
	P.E. 201	Individual/Dual Sports	2	0	2
		TOTAL	23	18	29

SECOND SEMESTER

GRADE	SUBJECT	DESCRIPTION	Lect	Lab	Units
	AET 203	Driving	1	9	4
	AET 204	Auto Body Repairing	1	6	3
	AET 205	Auto Body Painting	1	6	3
	English 202	Technical Writing incld Fund. Of Research	3	0	3
	Soc.Sci 202	Principle of Economics with TLR and Cooperative	3	0	3
	History 1	Philippine History, Roots and Development	3	0	3
	Soc.Sci 203	Politics, Governance & Phil. Constitution	3	0	3
	Physics 202	Heat, Electricity and Magnetism	3	3	4
	P.E. 202	Team Sports	2	0	2
		TOTAL	20	24	28

TVET EXIT POINT-Qualification: Automotive Servicing NC II

TVET EXIT POINT Qualification: Driving NC II, Auto Body Repairing NC II

Auto Body Painting NC II

THIRD YEAR

FIRST SEMESTER

GRADE	SUBJECT	DESCRIPTION	Lect	Lab	Units
	AET 301	Engine and Automatic Transmission Repair and Servicing	1	6	3
	AET 302	Car Air-conditioning Repair and Servicing	1	6	3
	AET 303	Electronic Fuel Injection Systems (Gasoline)	2	3	3
	AET 304	Applied Hydraulics and Pneumatics	2	0	2
	Soc Sci 301	New Labor Code	3	0	3
	Mgmt 1	Human Behavior in Organization	3	0	3

SECOND SEMESTER

GRADE	SUBJECT	DESCRIPTION	Lect	Lab	Units
	AET 305	Electronic Fuel Injection Systems (Diesel)	1	6	3
	AET 306	Electronic Body Management Systems Servicing	1	6	3
	AET 307	Emission Control Systems Servicing	1	3	2
	AET 308	Seminar and Field Trips	0	0	1
	Mgmt 5	SLOM - Shop Layout Management	3	0	3
	Mgmt 6	Personnel Administration & Human Resource Management	3	0	3

	Mgmt 2	Industrial Organization and Management	3	0	3
	Mgmt 3	Production Management	3	0	3
	Mgmt 4	Technopreneurship Management	3	0	3
		TOTAL	21	15	26
TVET EXIT POINT Qualification: Automotive Servicing NC III					

	Mgmt 7	Quality Management	3	0	3
	Mgmt 8	Marketing Management	3	0	3
	Research 1	Research w/ Special Project	3	0	3
		TOTAL	18	15	24
TVET EXIT POINT: Qualifications: Automotive Servicing NC IV					

FOURTH YEAR

FIRST SEMESTER

GRADE	SUBJECT	DESCRIPTION	No. of Hrs	Units
	AET 401	ON THE JOB TRAINING	750	15
		TOTAL	750	15

SECOND SEMESTER

GRADE	SUBJECT	DESCRIPTION	No. of Hrs.	Units
	AET 402	ON THE JOB TRAINING	750	15
		TOTAL	750	15