

**PROGRAMME STRUCTURE**  
**CERTIFICATE IV IN AUTOMOTIVE ENGINEERING**  
**(MAJOR IN LIGHT MACHINERY)**

**Unit Table**

No.	Unit Code	Unit Title	Pre-requisite	Level of Unit	Credit Value	Contact Hours	Self-Directed Learning (SDL) Hours	Total Learning Hours
<b>Trimester: 1 Units</b>								
1	AUT 310	Vehicle Mechanical Systems	FSLC or Equivalent	3	8	72	48	120
2	AUT 311	Vehicle Mechanical Systems Workshop	FSLC or Equivalent	3	8	72	48	120
3	AUT 312	Vehicle Electronics and Fuel System	FSLC or Equivalent	3	8	72	48	120
4	AUT 313	Vehicle Electronics and Fuel Systems Workshop	FSLC or Equivalent	3	8	72	48	120
5		Occupational Health and Safety 3	FSLC or Equivalent	3	8	72	48	120
6		Ethics, Values and Governance	FSLC or Equivalent	3	8	72	48	120
<b>Trimester: 2 Units</b>								
7	AEE 310	Vehicle Management Systems	FSLC or Equivalent	3	8	72	48	120
8	AEE 311	Vehicle Management Systems Workshop	FSLC or Equivalent	3	8	72	48	120
9		Mathematics for Technicians	FSLC or Equivalent	3	8	72	48	120
10		Technical Communication and Computer Use	FSLC or Equivalent	3	8	72	48	120
11	ALM410	ALM Technology 1	FSLC or Equivalent	3	8	72	48	120
12	ALM411	ALM Technology 1 Workshop	FSLC or Equivalent	3	8	72	48	120
<b>Trimester: 3 Units</b>								
13	AUT 314	Vehicle Mechanical Science	FSLC or Equivalent	4	8	72	48	120
14	AUT 315	Automotive Commercial Procedures	FSLC or Equivalent	4	8	72	48	120
15	ALM412	ALM Technology 11	ALM410	4	8	72	48	120
16	ALM413	ALM Technology 11 Workshop	ALM411	4	8	72	48	120
17	ALM414	Light Machinery Project	ALM410, ALM411	4	8	72	48	120
					<b>Total=</b>			
					<b>136</b>			

Students have to undergo a six (6) month industrial attachment period as requirement after each successive completion of trimester or programme unit. Students are also required to do **Community Service** at the end of final trimester and during these times they are to fill their (WERB) Record Books that will enable them to graduate with CERTIFICATE IV IN AUTOMOTIVE ENGINEERING (MAJOR IN LIGHT MACHINERY).