DEPARTMENT OF STATISTICS

. STATISTICS DEPARTMENT: HIGHER NATIONAL DIPLOMA CURRICULUM TABLE

Below are the minimum requirements from the institution's regulators and the provision of the national Board for Technical Education (NBTE) for Higher National Diploma.

CURRICULUM TABLE (SEMESTER ONE)

S/No.	Course Code	Course Title	Lectures	Practical	Total Hour	Prerequisite
1	STA 311	Statistical Theory III	2	3	5	
2	STA 312	Applied General Statistics II	2	3	5	
3	STA 313	Statistical Inferences & Scientific Method	2	3	5	
4	STA 314	Operation Research	2	3	5	
5	MTH 314	Mathematical Methods II	2	3	5	
6	COM 312	Database Design I	2	3	5	
7	STA 315	Technical English II	1	1	2	
8	GNS 111	Citizenship Education III	1	1	2	
	Total	**8**	**14**	**20**	**34**	

CURRICULUM TABLE (SEMESTER TWO)

S/No	Course Code	Course Title	Lecture	Practical	Total Hour	Prerequisite
1	STA 321	Statistical Theory IV	2	3	5	STA 311
2	STA 322	Sampling Techniques II	2	3	5	
3	STA 323	Design And Analysis of Experiment II	2	3	5	
4	STA 324	Statistical Management & Operation	2	3	5	
5	STA 325	Biometrics	2	3	5	
6	MTH 322	Mathematical Methods III	2	3	5	MTH 314
7	COM 322	Database Design II	2	3	5	COM 312
	Total	**7**	**14**	**21**	**35**	

CURRICULUM TABLE (SEMESTER THREE)

S/No.	Course Code	Course Title	Lecture	Practical	Total Hour	Prerequisite
1	STA 411	Operation Research II	2	3	5	STA 314
2	STA 412	Sampling Techniques III	2	3	5	STA 322
3	STA 413	Econometrics	2	2	4	
4	STA 414	Economic and Social Statistics	2	3	5	
5	STA 415	II	2	3	5	
6	STA 416	Industrial Statistics II	2	2	4	
7	STA 417	Medical Statistics	2	3	5	STA 323
8	STA 418	Design & Analysis Experiment III	1	1	2	
		Small Business Management II				
	Total	**8**	**15**	**20**	**35**	

CURRICULUM TABLE (SEMESTER FOUR)

S/No.	Course Code	Course Title	Lecture	Practical	Total Hours	Prerequisite
1	STA 421	**Operation Research III**	**2**	**3**	**5**	**STA 411**
2	STA 422	**Demography II**	**2**	**3**	**5**	
3	STA 423	**Non Parametric Statistics**	**2**	**3**	**5**	
4	STA 424	**Statistical Computing**	**2**	**3**	**5**	
5	STA 425	**Time Series Analysis**	**2**	**3**	**5**	
6	STA 426	**Multivariate Method and Stochastic Processes**	**2**	**3**	**5**	
7	STA 427	**Projects**	**-**	**5**	**5**	
	Total	**7**	**12**	**23**	**35**	

STATISTICS DEPARTMENT: NATIONAL DIPLOMA CURRICULUM TABLE

Below are the minimum requirements from the institution's regulators and the provision of the national Board for Technical Education (NBTE) for National Diploma.

CURRICULUM TABLE (SEMESTER ONE)

S/No.	Course Code	Course Title	Lectures	Practical	Total Hour	Prerequisite
1	STA 111	Descriptive Statistics I	3	4	7	
2	STA 112	Elementary Prob. Theory	2	3	5	
3	STA 113	Technical English	1	1	2	
4	MTH 111	Logic & Linear Algebra	2	3	5	
5	MTH 112	Function & Geometry	2	3	5	
6	COM 101	Introduction to Computer	3	3	6	
7	GNS 101	Citizenship Education I	1	1	2	
8	GNS 108	Use of Library	1	1	2	
	Total	**8**	**15**	**19**	**34**	

CURRICULUM TABLE (SEMESTER TWO)

S/No	Course Code	Course Title	Lecture	Practical	Total Hour	Prerequisite
1	STA 121	Descriptive Statistics II	3	4	7	STA 111
2	STA 122	Statistical Theory I	2	3	5	STA 112
3	STA 123	Demography I	2	3	5	
4	MTH 122	Calculus I	2	3	5	
5	COM 123	Computer Package I	2	4	6	
6	EED 126	Introduction to Entrepreneurship	2	-	2	
7	GNS 121	Citizenship Education II	1	1	2	
	Total	**7**	**14**	**18**	**32**	

CURRICULUM TABLE (SEMESTER THREE)

S/No.	Course Code	Course Title	Lecture	Practical	Total Hour	Prerequisite
1	STA 211	Statistical Theory II	2	3	5	STA 122
2	STA 212	Element of Sampling Theory	2	3	5	
3	STA 213	Economic and Social Statistics I	2	3	5	
4	STA 214	Industrial Statistics I	2	3	5	
5	MTH 212	Calculus II	2	3	5	MTH 121
6	MTH 213	Linear Algebra	2	3	5	MTH 111
7	COM 215	Computer Package II	2	4	6	COM 123
8	GNS 218	Research Methodology	1	1	2	
9	EED 226	Entrepreneurship Education	1	2	3	
	Total	**9**	**16**	**25**	**41**	

CURRICULUM TABLE (SEMESTER FOUR)

S/No.	Course Code	Course Title	Lecture	Practical	Total Hours	Prerequisite
1	STA 221	Design & Analysis Experiment	**2**	**3**	**5**	
2	STA 222	**Demography II**	**2**	**3**	**5**	
3	STA 223	**Non Parametric Statistics**	**2**	**3**	**5**	
4	STA 224	**Statistical Computing**	**2**	**3**	**5**	
5	STA 225	**Time Series Analysis**	**2**	**3**	**5**	
6	MTH 222	**Multivariate Method and**				
	COM 224	**Stochastic Processes**	**2**	**3**	**5**	
7	STA 226	**Projects**	**-**	**5**	**5**	
8	EED 228					
	Total	**8**	**12**	**23**	**35**	