

**CURRICULUM STRUCTURE FOR H.S. (VOCATIONAL) COURSES w.e.f. 2015-16 session****Discipline : Home Science [HS]****I. Scheme of Studies**

No. of periods per week*	Theory + Practical	40/42/43	No. of effective weeks per year	40
			No. of weeks for class	36
			No. of weeks for exam	4
Duration of period**	Theory	40 min		
	Practical	40 min		

\* 8 periods per day (Monday to Friday) x 5 = 40 periods + 4 periods in each Saturday.

\*\* Effective class duration: Monday to Friday – 5 hours 20 min. per day, and Saturday – 2 hours 40 min.

**II. Courses, Distribution of Marks and Classes****CLASS-XI**

Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week				Total yearly classes
					Practical	Project	Total	Theory	Practical	Project/Tutorial	Total	
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/ Urdu	80		20	100	2	1	3		108
	2	ENG1	Second Language: English	80		20	100	2	1	3		108
Basic Vocational	3.	BANU	Basic Nutrition	50	50		100	3	4	7		252
	4.	ECCE	Early Childhood Care & Education	50	50		100	3	4	7		252
Academic elective	5	DTC1	Dietetics I	70	30		100	4	2	6		216
	6	BSBC	Basic Science (Biology+ Chemistry)	70 [35 + 35]	30 [15 + 15]		100 [50 + 50]	4 [2 + 2]	2@ [1 + 1]	6 [3 + 3]		216 [108 + 108]
Common	7	EDCA	Entrepreneurship Development & Computer Application	50 [25 + 25]		25	100 [50 + 50]	4 [2 + 2]	4 [1 + 3]	8 [3 + 5]		288 108 + 180]
								22	18	40		

@ Biology and Chemistry practical may be taken alternate week keeping continuous 2 periods for each lab.

**Note:**

A Candidate shall have to appear all subjects in the Annual Examination of Class XI and have to pass at least 5 subjects to pass class XI as per below distribution:

- Both subjects of Language group (Paper1 & Paper2)
- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one subject either from Academic Elective group or from Common group (i.e. any one paper from Paper5, Paper6 & Paper7). In case candidate pass in more than one subjects out of paper 5, paper 6 and paper 7, then subject with highest marks will be considered for calculation of Grade.

**CLASS-XII**

Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week				Total yearly classes
					Practical	Project	Total	Theory	Practical	Project/Tutorial	Total	
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali /Urdu	80	-	20	100	2	1	3	108	
	2	ENG2	Second Language: English	80	-	20	100	2	3(1+2*)	5	180	
Vocational			Two vocational subjects as prescribed under vocational course [to be selected from table under Sl no. IV]									
	3.		i) Vocational Paper I [VP1]	50	40	10	100	3	4	7	252	
	4.		ii) Vocational Paper II [VP2]	50	40	10	100	3	4	7	252	
Compulsory Academic	5	BIOH	Biology [AE1]	70	30	-	100	4	2	6	216	
	6	DTC2	Dietetics II [AE2]	70	30	-	100	4	2	6	216	



Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week			Total yearly classes
					Practical	Project	Total	Theory	Practical Project/ Tutorial	Total	
Optional Elective	7	HUDV	<b>Human Development [AE3]</b>	70	30	-	100	4	2	6	216
		or  VP3	OR One vocational subject as prescribed under vocational course [to be selected from table underSl no. IV][ <b>VP3</b> ]	50	40	10	100	3	4	7	252
Common	8.	ENST	Environmental Studies (**)	80	-	20	100	2	-	2	72
								24 /23	18 /20	42 /43	

(\*) 2 Period are kept to develop the communication skill in English.

(\*\*) The theory subject "Environmental Studies" [ENST] is compulsory for all the candidates only to generate awareness among the students. Evaluation will be taken place at the end of the year, but the obtained marks will not be considered for calculation of final marks.

**Note:**

- Paper 7 is optional elective. A Candidate may or may not opt for it. Only if a Candidate opts for paper 7, marks scored will be displayed in final mark sheet.
- A Candidate shall have to appear at all subjects of Class XII and have to pass at least 5 subjects to pass class XII as per below distribution:

For student opting Paper 7	For student <b>NOT</b> opting Paper 7
- Both subjects of Language group (Paper 1 & Paper2)	- Both subjects of Language group (Paper1 & Paper2)
- Both Subjects of Vocational group (Paper3 & Paper4)	- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one paper from Paper5, Paper6 and Paper 7	- Any one paper from Paper5, Paper6.

- In case candidate pass in more than one subjects among Paper 5, 6, and 7 (if opted), paper with highest marks will be considered for calculation of Final grades. Final Grades will be calculated based on the marks attained only in Class XII.

**CURRICULUM STRUCTURE FOR H.S. (VOCATIONAL) COURSES w.e.f. 2015-16 Session****Discipline : Engineering & Technology [ET]****I. Scheme of Studies**

No. of periods per week*	Theory+Practical	44/41/42	No. of effective weeks per year	40
			No. of weeks for class	36
			No. of weeks for exam	4
Duration of period**	Theory	40 min		
	Practical	40 min		

\* 8 periods per day (Monday to Friday) x 5 = 40 periods + 4 periods in each Saturday.

\*\* Effective class duration : Monday to Friday – 5 hours 20 min. per day, and Saturday - 2 hours 40 min.

**II. Courses, Distribution of Marks and Classes****Class-XI**

Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week				Total yearly classes
					Practical	Project	Total	Theory	Practical	Project/ Tutorial	Total	
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali /Hindi/Nepali/Urdu	80		20	100	2	1	3		108
	2	ENG1	Second Language: English	80		20	100	2	1	3		108
Basic Vocational group	3.	FMTD	Fundamentals of Mechanics & Technical Drawing a) Fundamentals of Mechanics b) Technical Drawing	50			100			8		288
								3	1			(144+
					50			1	3			144)
	4	Basic Vocational Subject & Workshop Practice Students will choose any one amongst (i) to (v) below (See Note 2 below)										
	i)	FLWK	Foundation course on Electronics (a) Basic Electronics Theory (b) Workshop Practice [House Wiring/Fitting / Welding/Carpentry] [Any three from four]	50			100	3		12		432
					50				9			(108+
												324)



Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week				Total yearly classes
					Practical	Project	Total	Theory	Practical	Project/Tutorial	Total	
	ii)	FEWK	<b>Foundation course on Electrical</b> (a)Basic Electrical Theory (b)Workshop Practice [House Wiring/Fitting /Welding/Carpentry] [Any three from four]	50	50		100	3	9		12	432 (108+ 324)
	iii)	FMWK	<b>Foundation course on Mechanical</b> (a) Basic Mechanical Theory (b)Workshop Practice [House Wiring/Fitting /Welding/Carpentry] [Any three from four]	50	50		100	3	9		12	432 108+ 324)
	iv)	FCWK	<b>Foundation course on Civil</b> (a)Basic Civil Theory (b)Workshop Practice [House Wiring/Fitting /Welding/Carpentry] [Any three from four]	50	50		100	3	9		12	432 108+ 324)
	v)	FDWK	<b>Foundation course on Computer</b> (a)Fundamentals of Digital Logic Design (b)Workshop Practice [House Wiring/Fitting /Welding/Carpentry] [Any three from four]	50	50		100	3	9		12	432 108+ 324)
Academic elective	5	MTH1	Mathematics	80		20	100	3	1		4	144
	6	BSPC	Basic Science [Physics + Chemistry]	70 [35+ 35]	30 [15+ 15]		100 [50+ 50]	4 [2+ 2]	2@ [1+ 1]		6 (4+ 2)	216 [144+ 72]
Common	7	EDCA	Entrepreneurship Development & Computer Application	50 [25+ 25]	25	25	100 [50+ 50]	4 [2+ 2]	4 [1+ 3]		8 (3+ 5)	288 [108+ 180]
								22	22		44	

**Note 1 :**

A Candidate shall have to appear all subjects in the Annual Examination of Class XI and have to pass at least 5 subjects to pass class XI as per below distribution:

- Both subjects of Language group (Paper1 & Paper2)
- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one subject either from Academic Elective group or from Common group (i.e. any one paper from Paper5, Paper6 & Paper7). In case candidate pass in more than one subjects then subject with highest marks will be considered for calculation of Grade.

**Note 2:**

A candidate choosing a particular paper under Basic vocational subject 4 (i) to 4 (v) will have to choose VP1, VP2, and VP3 in class XII from options corresponding to the same group as per table under Sl No IV

@Physics and Chemistry practical may be taken in alternate week keeping continuous 2 periods for each lab.

\$Workshop Practice [House Wiring/Fitting /Welding/Carpentry][Any three from four]

**CLASS-XII**

Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week				Total yearly classes
					Practical	Project	Total	Theory	Practical Project/ Tutorial	Total		
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali /Hindi/Nepali/Urdu	80	-	20	100	2	1	3	108	
	2	ENG2	Second Language: English	80	-	20	100	2	3(1+2*)	5	180	
Vocational			Two vocational papers as prescribed under vocational group [to be selected from table under Sl no. IV]									
	3.		i) Vocational Paper I [VP1]	50	40	10	100	3	4	7	252	
	4.		ii) Vocational Paper II [VP2]	50	40	10	100	3	4	7	252	



Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week				Total yearly classes
					Practical	Project	Total	Theory	Practical Project/ Tutorial	Total		
Compulsory Academic	5	MTH2	Mathematics [AE1]	80	-	20	100	4	1	5	180	
	6	PHYS/ CHEM	One subject from Academic Electives [ to be chosen from sl no. 2 or sl no 3 of list given in table under Sl.No.III i.e. either PHYSICS or CHEMISTRY][AE2]	70	30	-	100	4	2	6	216	
Optional Elective	7	CHEM/ PHYS  or  VP3	One subject from Academic Electives [ to be chosen from sl no. 2 or sl no 3 of list given below in table under Sl.No.III i.e. either CHEMISTRY or PHYSICS] [AE3]  <b>OR</b> One vocational subject as prescribed under vocational course [to be selected from table under Sl no. IV][VP3]	70    50	30    40	-    10	100    100	4    3	2    4	6    7	216    252	
	8.	ENST	Environmental Studies (**)	80	-	20	100	2 24/13	- 17/19	2 41/42	72	

(\*) 2 Periods are kept to develop the communication skill in English.

(\*\*) The theory subject "Environmental Studies" [ENST] is compulsory for all the candidates only to generate awareness among the students. Evaluation will be taken place at the end of the year, but the obtained marks will not be considered for calculation of final marks.

**Choice of VP1, VP2 and VP3 is limited to the choice of basic vocational paper as selected in class XI and as described in table under Sl no. IV**

**CURRICULUM STRUCTURE FOR H.S. (VOCATIONAL) COURSES w.e.f. 2015-16 session****Discipline: Business & Commerce [BC]****I. Scheme of Studies**

No. of periods per week*	Theory + Practical	40/42/43	No. of effective weeks per year	40
			No. of weeks for class	36
			No. of weeks for exam	4
Duration of period**	Theory	40 min		
	Practical	40 min		

\* 8 periods per day (Monday to Friday) x 5 = 40 periods + 4 periods in each Saturday.

\*\* Effective class duration: Monday to Friday – 5 hours 20 min. per day, and Saturday - 2 hours 40 min.

**II. Courses, Distribution of Marks and Classes****CLASS-XI**

Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week				Total yearly classes
					Practical	Project	Total	Theory	Practical	Project/Tutorial	Total	
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/ Urdu	80		20	100	2	1	3		108
	2	ENG1	Second Language: English	80		20	100	2	1	3		108
Basic Vocational	3	As per choice	Two Basic Vocational subjects to be chosen from given list (\$) i) Basic Vocational Paper I	50		50	100	3	4	7		252
	4		ii) Basic Vocational Paper II	50		50	100	3	4	7		252



Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week			Total yearly classes
					Practical	Project	Total	Theory	Practical/Project/Tutorial	Total	
Academic elective	5	As per choice	Two elective subjects from three academic electives (#) i) Academic Elective subject I	70		30	100	4	2	6	216
	6		ii) Academic Elective subject II	70		30	100	4	2	6	216
Common	7	EDCA	Entrepreneurship & Development Computer Application	50 [25 + 25]	25	25	100 [50 + 50]	4 [2 + 2]	4 [1 + 3]	8 [3 + 5]	288 108 + 180]
								22	18	40	

**Note:**

A Candidate shall have to appear at all subjects in the Annual Examination of Class XI and have to pass at least 5 subjects to pass class XI as per below distribution:

- Both subjects of Language group (Paper1 & Paper2)
- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one subject either from Academic Elective group or from Common group (i.e. any one paper from Paper5, Paper6 & Paper7). In case candidate pass in more than one subjects out of paper 5, paper 6 and paper 7, then subject with highest marks will be considered for calculation of Grade.

**(S) List of Basic Vocational papers under Vocational Group for class XI**

(Reference to table under Sl No IV must be made for choice of VP1 and VP2 in Class XII before choosing two Basic Vocational papers in this group from the list below)

- i) Practical Taxation-I (PTX1)
- ii) Retail Management and E-Commerce-I (REM1)
- iii) Marketing Management-I (MRM1)
- iv) Travel, Tourism and Hospitality Management-I (THM1)
- v) Event Management-I (EVM1)
- vi) Library & Information Science-Basics, Social Aspect & Resources (LISB)
- vii) Organizing and Maintaining Information in a Library & Information Centre (LISO)

**(#) List of Academic elective subjects for class XI**

(Same combination will have to be maintained as choice of AE1 and AE2 in Class XII. Refer to table under Sl No. III)

- i) Economics and Business Mathematics & Statistics-I (EBM1)
- ii) Business Studies and Management-I (BSM1)
- iii) Accountancy-I (ACT1)

**CLASS-XII**

Group	Paper no.	Code	Subject	Distribution of Classes/Week							Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical/Project/Tutorial	Total	
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	2	1	3	108
	2	ENG2	Second Language: English	80		20	100	2	3(1+ 2*)	5	180
Vocational			Two vocational subjects as prescribed under vocational course [to be selected from table under Sl no. IV]								
	3		i) Vocational Paper I[VP1]	50	—	50	100	3	4	7	252
	4		ii) Vocational Paper II[VP2]	50	—	50	100	3	4	7	252
Compulsory Academic			Two elective subjects from three (3) academic electives from table under Sl no. III(#)								
	5		i) Academic Elective I[AE1]	70	—	30	100	4	2	6	216
	6		ii) Academic Elective II[AE2]	70	—	30	100	4	2	6	216
Optional Elective	7	BLAW OR CSTG	Business Law [AE3] OR Costing [VP3]	70 50	— —	30 50	100 100	4 3	2 4	6 7	216 252
	8	ENST	Environmental Studies (**)	80	-	20	100	2	-	2	72
Common								24 /23	18 /20	42 /43	



**CURRICULUM STRUCTURE FOR H.S. (VOCATIONAL) COURSES w.e.f. 2015-16 session****Discipline : Agriculture (AG)****I. Scheme of Studies**

No. of periods per week*	Theory+Practical	40/42/43	No. of effective weeks per year	40
			No. of weeks for class	36
			No. of weeks for exam	4
Duration of period**	Theory	40 min		
	Practical	40 min		

\* 8 periods per day (Monday to Friday) x 5 = 40 periods + 4 periods in each Saturday.

\*\* Effective class duration: Monday to Friday – 5 hours 20 min. per day, and Saturday - 2 hours 40 min.

**II. Courses, Distribution Of Marks And Classes****Class-XI**

Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week			Total yearly classes
					Practical	Project	Total	Theory	Practical/ Project	Total	
Language	1	BEN1/ HIN1/ NEP1/ URD1	First Language: Bengali/Hindi/Nepali/ Urdu	80		20	100	2	1	3	108
	2	ENG1	Second Language: English	80		20	100	2	1	3	108
Basic Vocational	3	BAAG	i) Basic Agriculture	50	50		100	3	4	7	252
	4	BAAH	ii) Basic Animal Husbandry	50	50		100	3	4	7	252
Academic elective	5	BIO1	Biology	70	30		100	4	2	6	216
	6	BSPC	Basic Science [Physics + Chemistry]	70 [35 + 35]	30 [15 + 15]		100 [50 + 50]	4 [2 + 2]	2@ [1 + 1]	6 [4 + 4]	216 [108 + 108]

Group	Paper no.	Code	Subject	Theory	Distribution of Mark			Distribution of Classes/Week				Total yearly classes
					Practical	Project	Total	Theory	Practical	Project/Tutorial	Total	
Common	7	EDCA	Entrepreneurship Development & Computer Application	50			100	4	4	8	288	
				[25 + 25]	25	25	[50 + 50]	[2 + 2]	[1 + 3]	[3 + 5]	[108 + 180]	
								22	18	40		

**Note:**

A Candidate shall have to appear at all subjects in the Annual Examination of Class XI and have to pass at least 5 subjects to pass class XI as per below distribution:

- Both subjects of Language group (Paper1 & Paper2)
- Both Subjects of Vocational group (Paper3 & Paper4)
- Any one subject either from Academic Elective group or from Common group (i.e. any one paper from Paper5, Paper6 & Paper7). In case candidate passes in more than one subjects then the subject with highest marks will be considered for calculation of Grade.

@Physics and Chemistry practical may be taken alternate week keeping continuous 2 periods for each lab.

**CLASS-XII**

Group	Paper no.	Code	Subject	Distribution of Marks				Distribution of Classes/Week				Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical	Project/Tutorial	Total	
Language	1	BEN2/ HIN2/ NEP2/ URD2	First Language: Bengali/Hindi/Nepali/Urdu	80		20	100	2	1	3	108	
	2	ENG2	Second Language: English	80		20	100	2	3(1+2*)	5	180	
Vocational			Two vocational subjects as prescribed under vocational course [to be selected from table under Sl no. IV]									
	3		i) Vocational Paper I[VP1]	50	40	10	100	3	4	7	252	
	4		ii) Vocational Paper II[VP2]	50	40	10	100	3	4	7	252	



Group	Paper no.	Code	Subject	Distribution of Marks				Distribution of Classes/Week				Total yearly classes
				Theory	Practical	Project	Total	Theory	Practical/ Project	Project	Total	
Compulsory Academic	5	BIO2	Biology (AE1)	70	30	-	100	4	2		6	216
	6	PHYS /CHEM	One subject from Academic Electives [ to be chosen from sl no. 2 or sl no 3 of list given in table under Sl.No.III i.e. either PHYSICS or CHEMISTRY] [AE2]	70	30	-	100	4	2		6	216
Optional Elective	7	CHEM /PHYS  or  VP3	One subject from Academic Electives [ to be chosen from sl no. 2 or sl no 3 of list given in table under Sl.No.III i.e. either CHEMISTRY or PHYSICS][AE3] OR One vocational subject as prescribed under respective vocational group [to be selected from table under Sl no. IV] [VP3]	70   50	30   40	-   10	100   100	4   3	2   4		6   7	216   252
Common	8	ENST	Environmental Studies (**)	80	-	20	100	2	-		2	72
								24 /23	18 /20		42 /43	

(\*) 2 Periods are kept to develop the communication skill in English.

(\*\*) The theory subject "Environmental Studies" [ENST] is compulsory for all the candidates only to generate awareness among the students. Evaluation will be taken place at the end of the year, but the obtained marks will not be considered for calculation of final marks.