

Scheme of Studies
Class IX/X under NSQF

- The vocational subject can be offered as an additional (optional) subject in combination with five core Academic subjects. The CGPA of class IX and X will be calculated based on the grade obtained in five academic subjects and grade obtained in vocational subject will be reflected under additional (optional) subject.

OR

- Vocational subject can be offered as additional (compulsory) subject with five core Academic subjects (Rationalized version). Hyperlink. The CGPA of Class IX / X will be calculated based on the grade obtained in all six subjects, if vocational subject is taken as additional (compulsory) sixth subject.
- Student can also opt 7th subject as optional (e.g. Regional Language) if desired.

Group-A	Marks	Group -C	Marks
Language I(English)	100	Mathematics	100
Group-B (Any one)		Science	100
Hindi	100	Social Studies	100
Sanskrit		Group- D	
Regional Language		Vocational Qualification Package (any one) Retail, Automobile, Security, IT, Tourism, FMM	100
Internship programme	To expose students to work place & work practices during vacation *Student can also offer 7 th subject as optional, if vocational subject is taken as compulsory.		

Scheme of Studies (Vocational course) 2015-2017
St, Secondary Level

Sub I Sub II	Language I: English or Hindi Language II: Language other than Language I or an elective subject from Academic Electives in lieu of Language II
Sub III, Sub IV & Sub V	Two elective subject from Academic Electives and one vocational subject as prescribed under group 'A' (single vocational elective) or One elective subject from Academic Electives and two vocational subjects as prescribed under Vocational Course of two papers or Three vocational subjects as prescribed under Vocational Course of three papers
Sub VI - Additional Subject (optional)	One language at elective level or an elective subject from Academic Electives or one vocational subject as prescribed under Vocational Course (of 2/3 papers) or any one subject from Vocational Electives under Group-A
Sub VII to VIII (Subjects of internal assessment)	501-General Foundation Course 502-Physical and Health Education

Notes:

1. Out of the languages, one shall be English or Hindi, both English and Hindi can also be offered simultaneously.
2. The same language can be offered only at one level i.e. Core/ Elective/ Functional.
3. The List of Vocational Courses available is attached. Subjects as prescribed under Vocational Courses are to be opted. However, Scheme of Studies may be referred.
4. Accountancy (055) and Financial Accounting (780) cannot be taken together
5. Physics (042) and Applied Physics (625) and General/ Radiation Physics(666) cannot be taken together
6. Biology (044) and Biology Ophthalmic(657) cannot be taken together.
7. Informatics Practice (065) and Computer Science (083) cannot be taken with IT Tools (795) and Web Applications (796).
8. Business Studies (054) and Business Operations & Administrations (766) cannot be taken together.
9. Nail Technology & Retail (770), Arts & Science of Makeup & Retail (771) cannot be taken with Beauty & Hair (745) and Holistic Health (746).
10. Mass Media Studies (072) cannot be taken with Evolution and Forms of Mass Media (738) and Creative and Commercial Procedure in Mass Media (739).
11. Library & Information Science (079) cannot be taken with Library Information and Society (747) and Library Classification & Cataloging (748).
12. Fashion Studies (053) cannot be taken with Elements of Design & Fashion (774), Introduction to Fashion Industry (775) and Garment Construction (776).
13. Multimedia & Web Technology (067) cannot be taken with IT Tools (795) and Web Applications (796).

VOCATIONAL ELECTIVES - GROUP A	
601	OFFICE PROCEDURES & PRACTICES
605	SECRETARIAL PRACTICE & ACCOUNTING
606	OFFICE COMMUNICATION
607	TYPOGRAPHY & COMPUTER APPLICATION (ENGLISH)
609	TYPOGRAPHY & COMPUTER APPLICATION (HINDI)
635	APPLIED PHYSICS
740	GEOSPATIAL TECHNOLOGY
743	RETAIL OPERATIONS
746	HOLISTIC HEALTH
755	FOUNDRY TECHNOLOGY
756	TOURISM RESOURCES IN INDIA
769	BUSINESS OPERATION & ADMINISTRATION
772	DESIGN & INNOVATION
776	GARMENT CONSTRUCTION
777	ELEMENTS OF TEXTILE DESIGN
780	FINANCIAL ACCOUNTING
782	TAXATION
783	MARKETING
784	SALESMANSHIP
785	BANKING
786	INSURANCE
789	BASIC ELECTRONICS
793	FOUNDATION OF FINANCIAL MARKET
800	SECURITY

LIST OF CAREER ORIENTED VOCATIONAL COURSES at Senior School Certificate Examination (Class XII) for academic session 2014-15				
S. No.	COURSE	SI (2014-15)	SH (2014-15)	Code
1	Air Conditioning and Refrigeration Technology	Air Conditioning and Refrigeration - I Air Conditioning and Refrigeration - II	Air Conditioning and Refrigeration - III Air Conditioning and Refrigeration - IV Subject V/Subject VI	632 633 634
2	Automobile Technology	Engineering Science Auto Engineering Auto Shop Repair and Practice	Subject V/Subject VI	637 638 639
3	Civil Engineering	Engineering Science Elements of Civil Engineering CAD in Engineering	Construction Technology Estimation in Civil Engineering Subject V/Subject VI	642 643 644
4	Electrical Technology	Engineering Mechanics Basic Electricity Engineering Science	Elementary Structure Mechanics Electrical Machines Electrical Appliances	645 646 647
5	Electronics Technology	Basic Electronics Digital Electronics	Operation and maintenance of Communication devices Troubleshooting and maintenance of Electronic Equipments	648 649
6	Foundry Technology	Foundry Technology		735
7	Geospatial Technology	Geospatial Technology		740
8	IT Application	IT Tools Web Applications	Data Management Applications	795 796
9	Transport Systems and Logistic Management	Fundamentals of Transportation Systems Logistics, Operations and Supply Chain Management	Integrated Transport Operations	749 750
10	Auxiliary Nursing & Midwifery	Fundamentals of Nursing Community Health Nursing Maternity & Child Health Nursing		731 732 733
11	Beauty Services	Nail Technology and Retail Arts and science of makeup and retail		770 771
12	Health and Beauty Studies	Beauty & Hair Holistic Health		745 746
13	Health Care Science	Healthcare Delivery System Food Nutrition & Dietrics Subject V/Subject VI Anatomy & Physiology	Health Education, Communication and Public Relations & Public Health Basic Concepts of Health & Disease and Medical Terminology First Aid & Emergency Medical Care	728 729 730 660
14	Medical Laboratory Technology	Laboratory Medicine (Clinical Pathology, Hematology & Histopathology)(MLT) Clinical Biochemistry, Microbiology (MLT) Subject V/Subject VI Anatomy & Physiology(MLT)	Clinical Biochemistry (MLT) Microbiology (MLT)	661 662 741
15	Medical Diagnostics	Anatomy & Physiology Diagnostic Radiology	Laboratory Medicine II Clinical Biochemistry & Microbiology II	742 658 659
16	Ophthalmic Techniques	Optics Ophthalmic Techniques Subject V/Subject VI Biology Ophthalmic		657 667
17	X-Ray Technician	Anatomy, Physiology & Related Pathology	Radiography I (General)	

		Book Binding Techniques	Radiography II (Special Investigation, Imaging and Radiography)	663
		Chemical Physics	Subject V/Subject VI Radiation Physics	666
18	Design and Innovation	Design and Innovation		
19	Fashion Design & Garment Technology	Introduction to Fashion Industry	Basic Pattern Development	772
		Garment Construction		773
		Subject V/Subject VI		776
20	Mass Media Studies & Mass Media Production	Elements of Design & Fashion	Fabric Study	774
		Understanding the Evolution and Forms of Mass Media		775
21	Music Technical Production	The Creative and Commercial Process in Mass Media I		776
		Music Aesthetics		777
22	Textile Design	Music Production		778
		Elements of Textile Design	Traditional Indian Textile	779
		Any one of the following		780
		Woven Textile	Printed Textile	781
		Textile Science	Textile Chemical Processing	782
23	Dairy Husbandry / Dairy Technology	Dairy Husbandry		
		Milk Production (Dairy Husbandry)	Management of Dairy Animals	758
		Animal nutrition and Reproduction	Milk Marketing and Entrepreneurship	759
		Dairy Technology		
		Milk Production (Dairy Technology)	Dairy Product Technology	760
		Fluid Milk Processing	Milk Marketing & Entrepreneurship	761
24	Horticulture	Basic Horticulture		762
		Any one from the following		
		Olericulture		763
		Pomology		764
		Floriculture		765
25	Poultry Farming	Poultry Production and Breeding	Poultry Nutrition and Physiology	716
		Poultry Housing and Management	Poultry Products and Technology	717
		Subject V/Subject VI		
		Poultry Extension, Marketing and Economics	Poultry Disease and their control	718
26	Bakery and Confectionery	Bakery		751
		Confectionery		752
27	Food Production	Food Production I	Food Production III	734
		Food Production II	Food Production IV	735
28	Food & Beverage Services	Food Service		736
		Beverage Services	Food and Beverage Cost and Control	737
29	Front Office Operation	Basis of Front Office	Front Office Operations	753
		Introduction to Tourism & Hotel Industry	Advanced Front Office Operations	754
30	Security	Security		800
31	Travel and Tourism	Tourism Resources in India	Introduction to Hospitality Management	756
		Tourism Concept & Practices	Travel Agency and Tour Operations Business	757

**LIST OF CAREER ORIENTED VOCATIONAL COURSES at Senior School Certificate Examination(Class XII) for
academic session 2014-16**

S.No.	COURSE	XI (2014-15)	XII (2015-16)	CODE
32	Accountancy & Taxation	Cost Accounting		781
		Taxation		782
		Subject V/Subject VI		
		Financial Accounting		786
33	Banking & Insurance	Banking		785
		Insurance		786
34	Business Administration	Business Operation & Administration		766
35	Financial Market Management	Foundation of Financial Market	Capital Market Operations	793
		Mutual Fund	Derivative Market Operations	794
		Subject V/Subject VI		
		Financial Accounting		780
36	Library and Information Science	Library Information & Society	Library Systems and Resource Management	747
		Library Classification & Cataloguing.	Information storage and Retrieval.	748
37	Marketing & Salesmanship	Marketing		783
		Salesmanship		784
38	Office Secretaryship	Office Procedures and Practices		604
		Typography & Computer Application (English)		607
		OR		
		Typography & Computer Application (Hindi)		609
		Subject V/Subject VI (Any one)		
		Secretarial Practice & Accounting		605
		Office Communication		606
39	Retail	Retail Operations		743
		Retail Services		744
				607
40	Stenography & Computer Application ENGLISH	Typography & Computer Application (English)		608
		Shorthand (English)		
		Subject V/Subject VI		
		Office Procedures and Practices		604
	HINDI	Typography & Computer Application (Hindi)		609
		Shorthand (Hindi)		610
		Subject V/Subject VI		
		Office Procedures and Practices		604