

CURRICULUM

DIPLOMA

Fashion Design

(Three Years Program - Semester System)



Council for Technical Education and Vocational Training
Curriculum Development Division
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Introduction:

This curriculum is designed with the purpose of producing middle level workforce equipped with knowledge, skills and attitudes related to the field of Fashion Design/ Textile/ Garment to meet the demand of such workforce in the country and abroad which contribute to streamline of poverty reduction of the country. Graduates of this course will be capable of performing the fashion designing as per the need of national and international market demand. Some essential theoretical inputs have been included, yet the focus is given on the enhancement of the required skills, enabling techniques and competency building on the concerned sector.

Diploma in Fashion Design program extends over three years. Each year is divided into two semesters. There are six semesters in three years including one semester (5 months) plus three months Industrial Exposure programme. The first year (first & second semester) course includes both foundational subjects like English, Nepali for developing interpersonal communication and disciplinary subjects like Textile, Garment, Elements of fashion both theoretical and practical; the second year (third & fourth semester) course focuses on disciplinary and auxiliary subjects both theoretical and practical. Similarly, the third year (fifth & sixth semester) comprises of the disciplinary subjects and application of learnt skills and knowledge in practically.

Course Title:

Diploma in Fashion Design

Aim:

The program aims at preparing competent middle level Fashion Designer in the field of Fashion Design/Technology.

Objectives:

After the completion of this program, the graduates will be enabled to:

- Apply the professional knowledge and skills in the respected field of Fashion Design.
- Develop the positive attitudes towards the professions with greater initiative and self-confidence.
- Apply critical thinking for problem-solving and decision making during the service delivery.
- Follow the quality standards set by the organization for quality assurance of the services offered to the customer.
- Get employment in governmental, semi-governmental, non-governmental organization as well as other projects and programs.
- Start their own enterprise and create employment.

Target Location:

The target location of this program will be all over Nepal.

Group Size:

The group size will be maximum of 40 (Forty) in a batch.

Entry Criteria:

- SLC pass before 2072 SLC
- SLC with D+ in English, Science and Mathematics after 2072 SLC
- Should pass entrance examination as administered by CTEVT.
- Enrollment will be made on the basis of merit list

Medium of Instruction:

The medium of instruction will be in English and/or Nepali

Course Duration:

The total duration of this curricular program is three years (six semesters). Moreover, one semester consist of 19.5 academic weeks including evaluation period. Actual teaching learning hours will not less than 15 weeks in each semester.

Pattern of Attendance:

Minimum 80% attendance in each subject is required to appear in the respective final examination.

Teacher and Student Ratio:

The ratio between teachers and students must be:

- 1:40 for theory and tutorial classes
- 1:10 for practical classes

Qualification of Teachers and Instructors:

- The program coordinator must be a master degree holder in related field or bachelor degree in related field with minimum of 3 years teaching experience after completion of the Bachelor degree.
- The faculties must be a master's degree holder for general subjects and bachelor's degree holder for technical subjects.
- The demonstrator should have an intermediate level degree in related subject with minimum of 2 years' experience.
- Minimum 75% faculties must be fulltime.

Instructional Media and Materials:

The following instructional media and materials are suggested for the effective instruction and demonstration.

- **Printed Media Materials** (Assignment sheets, Hand-outs, Information sheets, Individual training packets, Procedure sheets, Performance Check lists, Textbooks etc.).
- **Non-projected Media Materials** (Display, Flip chart, Poster, Writing board etc.).
- **Projected Media Materials** (Opaque projections, Overhead transparencies, Slides etc.).
- **Audio-Visual Materials** (Audiotapes, Films, Slide-tape programs, Videodiscs, Videotapes etc.).
- **Computer-Based Instructional Materials** (Computer-based training, Interactive video etc.)

Teaching Learning Methodologies:

The methods of teachings for this curricular program will be a combination of several approaches such as; illustrated lecture, tutorial, group discussion, demonstration, simulation, guided practice, fieldwork, block study, industrial practice, report writing, term paper presentation, heuristic and other independent learning exercises.

Theory: Lecture, discussion, assignment, interaction, seminar, group work.

Practical: Demonstration, observation, unguided practice, self-practice, industrial practice and project work.

Mode of Education:

There will be inductive and deductive mode of education

Examination and Marking Scheme:

a. Internal assessment

- There will be a transparent/fair evaluation system for each subject both in theory and practical exposure.
- Each subject will have internal assessment at regular intervals and students will get the feedback about it.
- Weightage of theory and practical marks are mentioned in structure.
- Continuous assessment format will be developed and applied by the evaluators for evaluating student's performance in the subjects related to the practical experience.

b. Final examination

- Weightage of theory and practical marks are mentioned in structure.
- Students must pass in all subjects both in theory and practical for certification. If a student becomes unable to succeed in any subject s/he will appear in the re-examination administered by CTEVT.
- Students will be allowed to appear in the final examination only after completing the internal assessment requirements.

c. Requirement for final practical examination

- Professional of entrepreneurship development and relevant subject instructor must evaluate final practical examinations.
- One evaluator in one setting can evaluate not more than 20 students.
- Practical examination should be administered in actual situation on relevant subject with the provision of at least one internal evaluator from the concerned or affiliating institute led by external evaluator nominated by CTEVT.
- Provision of re-examination will be as per CTEVT policy.

d. Pass marks:

The students must secure minimum 40% marks in theory and 50% in practical. Moreover, the students must secure minimum pass marks in the internal assessment and in the semester final examination of each subject to pass the subject.

*Note: The evaluation and marking schemes for the **Industrial Exposure** programme is mentioned separately in the respective sections of the curriculum.*

Provision of Back Paper:

There will be the provision of back paper exam but one must pass all the subjects of all six semesters within six years from the date of enrolment.

Disciplinary and Ethical Requirements:

- Intoxication, insubordination or rudeness to peers will result in immediate suspension followed by review of the disciplinary review committee of the polytechnic.
- Dishonesty in academic or practice activities will result in immediate suspension followed by administrative review, with possible expulsion /expel.
- Illicit drug use, bearing arms on polytechnic, threats or assaults to peers, faculty or staff will result in immediate suspension, followed by administrative review with possible expulsion.

Grading System:

The following grading system will be adopted:

- ❖ Distinction: 80% and above
- ❖ First division: 65% to below 80%
- ❖ Second division: 50 % to below 65%
- ❖ Pass division: Pass marks to Below 50%

Certification and Degree Awards:

- Students who have passed all the components of all the subjects of all semesters are considered to have successfully completed the course.
- Students who have successfully completed the course will be awarded by a degree of "**Diploma in Fashion Design**"

Job Opportunity

The graduates will be eligible for the position equivalent to Non-gazetted 1st class/level 5 (technical) as "Fashion Designer" or as prescribed by the Public Service Commission of Nepal. They also will be sellable in Garment Industries, Carpet Factories, Fashion Institutions, Boutiques, Fashion Trend Setters, Fashion Forecasters, etc. The graduate will be eligible for registration with the related licensing organization of the country (if any).

Course Structure

Year: I

Part: I

Semester: First

S.N	Subject	Modes			Distribution of Marks						TotalMarks
					Theory			Practical			
		Th	Pr	Total	Assessment Marks	Final Marks	Time Hours	Assessment Marks	Final Marks	Time Hours	
1	Nepali I	5	0	5	20	80	3				100
2	English I	5	0	5	20	80	3				100
3	Business Mathematics	5	0	5	20	80	3				100
4	Elements of Fashion Design I	2	4	6	10	40	2	40	60	4	150
5	Fundamental of Textile	4	0	4	20	80	3				100
6	Computer Application I	2	2	4	10	40	2	20	30	2	100
7	Garment Technology I	2	6	8	10	40	2	40	60	4	150
Total		25	12	37	110	440		100	150		800

Year: I

Part: II

Semester: Second

S.N	Subject	Modes			Distribution of Marks						Total Marks
					Theory			Practical			
		Th	Pr	Total	Internal Marks	Final Marks	Time Hours	Internal Marks	Final Marks	Time Hours	
1	Nepali II	5		5	20	80	3				100
2	English II	5		5	20	80	3				100
3	Principles of Accounting	6		6	20	80	3				100
4	Computer Application II	0	2	2	0	0		20	30	2	50
5	Textile Science I	2	2	4	10	40	2	20	30	2	100
6	Garment Technology II	3	4	7	10	40	3	40	60	4	150
7	Elements of fashion design II	2	6	8	10	40	2	40	60	4	150
Total		23	14	37	90	440		100	180		750

Year: II**Part: I****Semester: Third**

S.N	Subject	Modes			Distribution of Marks						Total Marks
					Theory			Practical			
		Th	Pr	Total	Assessment Marks	Final Marks	Time Hours	Assessment Marks	Final Marks	Time Hours	
1	Principles of Economics	6		6	20	80	3				100
2	Business Study	5	0	5	20	80	3				100
3	Textile science II	2	4	6	10	40	2	40	60	3	150
4	Textile Design I	2	6	8	10	40	2	40	60	4	150
5	Clothing construction I	2	6	8	10	40	2	40	60	4	150
6	Apparel Designing	4	2	6	20	80	3	20	30	2	150
Total		21	18	39	90	360		140	210		800

Year: II**Part: II****Semester: Fourth**

S.N	Subject	Modes			Distribution of Marks						Total Marks
					Theory			Practical			
		Th	Pr	Total	Internal Marks	Final Marks	Time Hours	Internal Marks	Final Marks	Time Hours	
1	Fundamental of Marketing	4	2	6	20	80	3	20	30	2	150
2	Hand Embroidery and Art	2	4	6	10	40	3	40	60	4	150
3	Textile design II	2	6	8	10	40	2	40	60	4	150
4	Clothing construction II	3	6	9	10	40	3	40	60	4	150
5	History of fashion	2	6	8	10	40	2	40	60	4	150
Total		13	24	37	60	240		180	270		750

Year: III

Part: I

Semester: Fifth

S.N	Subject	Modes			Distribution of Marks						Total Marks
					Theory			Practical			
		Th	Pr	Total	Internal Marks	Final Marks	Time Hours	Internal Marks	Final Marks	Time Hours	
1	Principle of Pattern Making	2	6	8	10	40	2	40	60	4	150
2	Knitting and Crochet	2	6	8	10	40	2	40	60	4	150
3	Entrepreneurship Development	3	2	5	16	64	3	8	12	2	100
4	Clothing Construction III	3	6	9	10	40	3	40	60	4	150
5	Gender Equality and social Inclusion	4	2	6	20	80	3	10	40	3	150
Total		14	22	36	66	264		138	232		700

Year: III

Part: II

Semester: Sixth

S.N	Subject	Modes			Distribution of Marks						Total Marks
					Theory			Practical			
		Th/w	Pr/w	Total/w	Internal Marks	Final Marks	Time Hours	Internal Marks	Final Marks	Time Hours	
First 8 weeks											
1	Pattern Making and Grading	4	8	12	10	40	3	10	40	4	100
2	Fashion Sketching	4	8	12	10	40	3	10	40	4	100
3	Quality control and supervision	4	8	12	10	40	3	10	40	4	100
Remaining 12 weeks											
4	Industrial Exposure Programme (IEP)										
	Supervisor of the IEP providing organization										100
	The Training Institute										100
	CTEVT or its nominee (external)										100
Total											600

Year: I

Part: I

Semester: I

Subjects:

1. Nepali I
2. English I
3. Business mathematics
4. Elements of Fashion Design I
5. Fundamental of textile
6. Computer Application I
7. Garment Technology I

नेपाली प्रथम

वर्ष : प्रथम
भाग: प्रथम
सेमेष्टर : प्रथम

कक्षा भार : १२० घण्टा
सैद्धान्तिक: ५ घण्टा/प्रति हप्ता
प्रयोगात्मक : ० घण्टा/प्रति हप्ता

पाठ्यांश परिचय :

यस पाठ्यांश अन्तर्गत विद्यार्थीहरूलाई ज्ञानविज्ञान, प्रविधि संचार, साहित्य आदि विविध विषय क्षेत्रका नेपाली भाषाका प्रयोगसंग परिचित गराउनका साथै विभिन्न भाषिक पृष्ठभूमि भएका विद्यार्थीहरूमा स्तरीय कथ्य र लेख्य नेपाली भाषाका दृष्टिले देखिन सक्ने त्रुटिहरूको निराकरण गर्ने र नेपाली भाषाका प्रयोगलाई शुद्ध एवं परिष्कृत तुल्याई व्यवहारिक र मौलिक अभिव्यक्तिको विकास गर्ने तर्फ जोड दिइनेछ । यिनै कुरालाई दृष्टिगत गरी यस पाठ्यांश मुख्यतः पठन र बोध, व्याकरण तथा त्यसको प्रयोगको अभ्यासका साथै लिखित अभिव्यक्ति र रचनाशिल्प सम्बन्धी पाठ्यवस्तुहरू समावेश गरिएका छन् ।

उद्देश्यहरू :

यो पाठ्यांश पूरा गरेपछि विद्यार्थीहरू निम्नलिखित कुरामा सक्षम हुनेछन् :

- स्तर अनुरूप विभिन्न क्षेत्रमा प्रयोग हुने कथ्य र लेख्य नेपाली भाषा सम्बन्धी बोध र अभिव्यक्ति क्षमता बढाउन,
- नेपाली भाषाका पुस्तक पत्रिका, लेख आदि सामग्री पढी स्तरीय भाषामा बुँदाटिपोट, संक्षेपीकरण, विवेचना र समीक्षा गर्ने क्षमता बृद्धि गर्न,
- व्यवहारिक सन्दर्भका अनुच्छेद, चिठी, सूचना, विज्ञापन, निबन्ध, टिप्पणी, प्रतिवेदन आदि प्रयोगमा देखिएका भाषिक त्रुटिहरूप्रति सचेत भई तिनको निराकरण तर्फ उत्मुख हुन,
- वर्णविन्यास, शब्दभण्डार, व्याकरण र वाक्यतत्व सम्बन्धी स्तरीय भाषामा भाव अभिव्यक्ति गर्ने सुभक्त प्राप्त गर्न,

एकाइ १ : वर्ण र अक्षरको संरचनाको पहिचान

१५ घण्टा

- नेपाली स्वर र व्यञ्जन वर्णहरूको परिचय र वर्गीकरण (उच्चारण स्थान, प्रयत्न, घोषत्व र प्राणत्वका आधारमा)
- देवनागरी लिपि र कथ्य नेपाली वर्णहरू
- नेपाली उच्चारित अक्षरहरूको संरचना (स्वर-व्यञ्जन, व्यञ्जन-स्वर, व्यञ्जन-स्वर-व्यञ्जन, व्यञ्जन-व्यञ्जन-स्वर, व्यञ्जन-व्यञ्जन-स्वर-व्यञ्जन) आदिको शब्दगत अक्षर संरचना र अक्षर संख्या)

एकाइ २ : वर्णविन्यास चिन्ह परिचय

१५ घण्टा

- तत्सम, तद्भव र आगन्तुक शब्दका सन्दर्भमा नेपाली वर्णविन्यासको ज्ञान र अभ्यास
 - ह्रस्व र दीर्घ (इ ई, उ ऊ) सम्बन्धी नियम र अपवादहरू
 - श, ष, स
 - व, व
 - व ओ, य, ए, ऋ रि, क्ष छे, क्ष्य, छ्य,
 - ड, ञ, ण, न, म पञ्चम वर्ण तथा शिरबिन्दु र चन्द्रबिन्दु
 - हलन्त सम्बन्धी नियम र अपवादहरू
 - पदयोग र पदवियोग सम्बन्धी नियमहरू
 - तत्सम शब्दको सन्दर्भमा उपसर्ग र प्रत्यय सम्बन्धी वर्णविन्यास

ख) लेख्यचिन्हहरूको प्रयोग :

पूर्णविराम, अल्पविराम, अर्धविराम, प्रश्नबोधक, विस्मयादिबोधक, कोष्ठ, निर्देशक र उद्धरण सम्बन्धी चिन्हहरूको ज्ञान र अभ्यास

एकाइ ३ : शब्दवर्ग र शब्दरूपायन

१२ घण्टा

क) स्रोत :

तत्सम, तद्भव आगन्तुक व्युत्पादन पूर्वसर्ग (उपसर्ग), परसर्ग विभिन्न शब्दवर्ग वा पदको स्रोत, बनेट र कार्यका आधारमा शब्दहरूको ज्ञान, पहिचान र अभ्यास

ख) नाम, सर्वनाम, विशेषण, क्रियापद, क्रियायोगी, नामयोगी, संयोजक, विस्मयादिबोधक र निपात जस्ता शब्दवर्ग वा पदकोटीहरूको सोदाहरण परिचय, पहिचान र अभ्यास

ग) रूपायन : नाम, सर्वनाम र विशेषणको लिंग, वचन, पुरुष र आदरका आधारमा रूपायन र रूपावलीको सोदाहरण परिचय र अभ्यास

घ) लिंग, वचन, पुरुष, आदर, काल, पक्ष, भाव वाच्य र अकरणका आधारमा क्रियापदको रूपायनको सोदाहरण परिचय र अभ्यास

एकाइ ४: शब्दनिर्माण (सन्धि सहित)

१८ घण्टा

क) शब्द र शब्द व्युत्पादनको प्रक्रिया, मूल शब्द र व्युत्पन्न शब्द (पूर्वसर्ग, परसर्ग, समास र द्वित्व प्रक्रिया) व्युत्पादन र रूपायनको भिन्नताको ज्ञान र अभ्यास

२ घण्टा

ख) उपसर्ग (पूर्वसर्ग) द्वारा शब्दनिर्माण :

३ घण्टा

निम्नलिखित उपसर्गहरू मात्र

अ, अन, कु, बे, वि, बद्

प्र, अप, सम्, अनु, वि, अधि, अति, उत्, उद्, प्रति, परि, उप, सु, निर, दुस्, दुर

ग) परसर्गद्वारा शब्दनिर्माण :

५ घण्टा

निम्नलिखित कृत प्रत्ययको ज्ञान र अभ्यास

नु, ने, एको, तो, दो, एर, इ, न, आइ, ओट, आवट, अत, ओ, आउ, आहा, अक्कड, अन्त, उवा, इलो, अक, अन, इत, त, ता, ति, य, त, अनीय,

निम्नलिखित तद्धित प्रत्ययको ज्ञान र अभ्यास

ली, आली, आलु, आहा, इया, इयार, इलो, औली, यौली, ए, एली, ले, आइ, आई, याई, पन, पना
इक, इत, ई, ईय, ईन, ईण, क, तम, ता, त्व, मय, मान्, वान्, य

घ) समासद्वारा शब्दनिर्माण :

४ घण्टा

समासको परिचय, समास र विग्रहको प्रक्रिया एवम् समस्त शब्दहरूको पहिचानको अभ्यास । समासका प्रमुख प्रकारहरू (तत्पुरुष कर्मधारय, द्विगु अव्ययीभाव, बहुव्रीहि, द्वन्द्व समास) र तिनका आधारमा समस्त शब्दहरूको निर्माण र विग्रह गर्ने एवम् समासको नामको पहिचान गर्ने अभ्यास ।

ड.) द्वित्वद्वारा शब्दनिर्माण :

२ घण्टा

द्वित्व र अन्य व्युत्पादन प्रक्रियामा फरक, पूर्ण, आंशिक र अपरिवर्तित द्वित्व प्रक्रियाद्वारा शब्दनिर्माण गर्ने अभ्यास

च) सन्धि नियम :

२ घण्टा

नेपाली तत्सम र तद्भव शब्दमा प्रयोग हुने प्रमुख सन्धि नियमको परिचय र अभ्यास

एकाइ ५ : कृतिसमीक्षा

१५ घण्टा

निर्धारित साहित्यिक कृति तथा पाठहरूको विभिन्न आकार (विषयवस्तु, कथानक, पात्र, परिवेश, सन्देश, मुलभाव, शीर्षक) मा सामान्य समीक्षा गर्ने अभ्यासको विकास गराउने ।

क) कविता :

१२ घण्टा

- | | | |
|----|-----------------------|-------------------|
| क) | लेखनाथ पौड्याल | (नैतिक दृष्टान्त) |
| ख) | लक्ष्मीप्रसाद देवकोटा | (वन) |
| ग) | गोपालप्रसाद रिमाल | (परिवर्तन) |
| घ) | भूपि शेरचन | (मेरो देश) |

ख) उपन्यास :

३ घण्टा

- | | | |
|----|--------------------|--------|
| क) | लीलबहादुर क्षेत्री | (बसाई) |
|----|--------------------|--------|

सहायक पुस्तिका (सम्बद्ध अंशमात्र)

- क) शर्मा सोमनाथ, **मध्यचन्द्रिका**, साभा प्रकाशन, काठमाडौं
- ख) शर्मा मोहनराज, **शब्दरचना र वर्णविन्यास, वाक्यतत्त्व र अभिव्यक्ति** काठमाडौं बुक सेन्टर, काठमाडौं
- ग) पराजुली कृष्णप्रसाद, **राम्रो रचना मीठो नेपाली**, नेपाली सहयोगी प्रकाशन, काठमाडौं
- घ) अधिकारी हेमाङ्गराज, **समसामयिक नेपाली व्याकरण दोस्रो संस्करण** : विद्यार्थी पुस्तक भण्डार

English I

Year: I
Part: I
Semester: I

Total: 5 hrs/w
Theory: 5 hrs/w
Practical: 0 hrs/w

Course Description

This course is designed to provide knowledge to the students in the use of English language to have better competency in language skills ie listening speaking reading and writing. It also imparts knowledge and skills about reading, comprehending, communication and creative writing to meet the current and future language needs of the students.

Course Objectives

After the completion of this course, the student will be able to:

- a. Familiarize with the basic skills of English language and grammar.
- b. Communicate in English in practical life.
- c. Explore the potential of learning language through literature.
- d. Write literary critics or other extensive text independently.

Course Contents

Unit 1	Grammar Section	40 hrs
	1.1 Tense aspects: general aspects of the present, past and future tense and their uses	
	1.2 Auxiliary verbs and the specific uses of the modal auxiliary verbs	
	1.3 Voice: change of an active voice into passive	
	1.4 Reported speech: reporting sentences into indirect speech	
	1.5 Relative pronouns and relative clauses	
	1.6 Concord –	
	1.7 Hypothesizing – Conditional clauses, and the use of I wish / If only, you'd better, I'd rather, it is time.....	
	1.8 Infinitive: to infinitive and bare infinitive	
	1.9 Present participle and past participle	
	1.10 Homonyms and homophones	
	1.11 Use of conjunctions of contrast, reason and result, time, and conditions	
	1.12 Use of prepositions of time and place	
Unit 2	Creative Writing	15 hrs
	2.1 Describing people and places	
	2.2 Comprehension, note taking and summary writing	
	2.3 Writing on historical events / biography	
	2.4 Essay writing	

Unit 3	Joys of reading	20 hrs
	Reading of story and writing related to human being, nature and other aspects of life	
3.1	Poems	5 hrs
	<ul style="list-style-type: none"> • The Poplar Field – William Cowper • My Heart Leaps up when I Behold - William Wordsworth 	
3.2	Biography	3 hrs
	<ul style="list-style-type: none"> • The Letter ‘A’, Christy Brown 	
3.3	Essay	4 hrs
	<ul style="list-style-type: none"> • The Rule of the Road, A.G. Gardiner 	
3.4	Story	8 hrs
	<ul style="list-style-type: none"> • The Surgeon, Ronald Dahl • The Gardener - Rudyard Kipling 	

Reference Books:

1. *The Magic of words*, S.P. Lohani and R. Adhikari, M.K. Publishers, 1997
2. *Academic Encounter*, Bernard Seal, Foundation Books Pvt, New Delhi, 2006
Academic Encounter, Kristine Brown and Sushan Hood , Cambridge University Press, Foundation Books, 2005
3. *Chinar I/II An anthology of Prose and poems*, Neena Kaul and Renu Anand; Foundation Books, New Delhi
4. *New Headway (Intermediate and Upper Intermediate)*, Liz and John Soars, Oxford University Press.
5. *Model Business Letters*, L Gartside, Pitman Publishing 1981
6. *Meaning into the Words (Upper Intermediate)* Adrian Doff, Christopher Jones and Keith Mitchell Cambridge University Press, 1997.

Business Mathematics

Year: II
Part: I
Semester: III

Total: 5 hrs/ w
Theory: 5 hrs/ w
Practical: 0 hrs/ w

Course Description

This course is designed to equip the students with the knowledge and skills on basic mathematical and statistical concepts in business economics and other vocational life.

Course Objectives

After the completion of this course, the student will be able to:

1. Equip with the fundamental principles of mathematics.
2. Familiarize the students with necessary mathematical principles to be used in decision making in business and vocational life.
3. Acquaint the students with mathematical tools used in business and economics.
4. Define derivative of a function with notation
5. Use the derivatives to commerce & economics.

Course Contents

Unit 1 Number System and Set Theory:

12 hrs

- 1.1. The system of natural numbers, integers, rational and irrational numbers
- 1.2. The concept of inequalities and their properties
- 1.3. The properties of absolute value
- 1.4. The sets, Euler's-Venn diagram and operation on sets
- 1.5. Properties of set algebra. (Without the theoretical proof)
- 1.6. Cardinality formulae to the problems relating to three sets

Unit 2 Function, Limit & Continuity:

15 hrs

- 2.1. Constant & variables.
- 2.2. The function with notation.
- 2.3. The types of functions (linear, quadratic, polynomial, exponential, and logarithmic) (simple cases)
- 2.4. Computing the functional values and its application to business and economics
- 2.5. Computing the limit of functions (algebraic only) and distinguishig it from functional value.
- 2.6. Basic rules of limits, limit at infinity
- 2.7. Continuity and discontinuity of algebraic function

Unit 3 Differentiation: **12 hrs**

- 3.1. Derivative of a function with notation
- 3.2. The geometrical meaning of derivatives
- 3.3. Calculation of the derivative of a function by first principles (of algebraic functions only)
- 3.4. Use the rules (or apply formulae) to find differential coefficients of algebraic, logarithmic & exponential, implicit and parametric functions

Unit 4 Application of Derivatives: **9 hrs**

- 4.1. Use of the derivatives to commerce & economics.
- 4.2. The nature of the function. (Increasing and decreasing functions, point of inflection in terms of derivative)
- 4.3. Determine the maxima and minima of functions and its applications (algebraic functions only)

Unit 5 Matrices & Determinants: **10 hrs**

- 5.1. The various types of matrices
- 5.2. The basic algebraic operations on matrices
- 5.3. Evaluation of the value of determinant. (Up to 3rd order)
- 5.4. Verification and usage of the properties of determinant (without proof)
- 5.5. The simultaneous equations. (Up to variables only)

Unit 6 Applied Mathematics: **7 hrs**

- 6.1. Determination of the profit and loss. (Gross profit, net profit, commission, and discount).
- 6.2. Calculation of the compound interest and compound depreciations

Unit 7 Measure of Dispersion: **10 hrs**

- 7.1. Revision of the measure of central tendency
- 7.2. Computing of the range, quartile deviation, mean deviation & standard deviation (with their relative measures)

References:

1. *Bhattari, H.N; Upreti, K.N; Pahari, N.P & Khatakho, N.B. (2007), Higher secondary level Business Mathematics, Vidyarthi Prakashan, Kamal Pokhari, Kathmandu.*
2. *Tan, S.T, Applied Mathematics for the Manageral, life and social sciences, 5th edition,; Brooks/Cole; Thomson Learning, Singapore.*

Elements of Fashion Design I

YEAR: I
PART: I
SEMESTER: I

TOTAL: 6 hrs/w
THEORY: 2 hrs/w
PRACTICAL: 4 hrs/w

Course Description

This course provides the basic skills and knowledge required for illustration of the concept and ideas from one's imagination to paper. This course will cover the techniques of sketching a fashion figure, draping and finishing visualizing the final output before constructing the real garment. This course is designed to provide the students basic concept and knowledge about fashion, principle, elements of fashion, fashion terminologies and role of a fashion designer.

Course Objectives

After completion of this program, the students will be able:

- a) To gain the skills of illustrating one's innovative ideas and imagination.
- b) To capture the fashion figure poses on paper.
- c) To innovate different proportion and techniques in sketching
- d) To explain basic fashion terminology and key terms.
- e) To identify the roles and responsibilities of fashion designers.

Course Contents

	Theory	
Unit 1: Fashion		4hrs
1.1 Definition		
1.2 Importance		
1.3 Types		
a) Haute couture		
b) Pret-a-porter		
c) Mass market		
Unit 2: Design		4hrs
2.1 Definition		
2.2 Different aspects of Design		
Unit 3 Fashion Terminology		4hrs
3.1 Accessories		
3.2 Apparel		
3.3 Boutique		
3.4 Classic		
3.5 Collection		
3.6 Costume		
3.7 Casual wear		
3.8 Couture		
3.9 Couturier		

- 3.10 Croquis
- 3.11 Design
- 3.12 Designer
- 3.13 Designer Brand
- 3.14 Display
- 3.15 Fashion
- 3.16 Fashion Design
- 3.17 Fashion forecast
- 3.18 Fashion Trend
- 3.19 Fashion Press
- 3.20 Fad
- 3.21 Fashion Show
- 3.22 Formal Wear
- 3.23 Flat Sketch
- 3.24 Goth
- 3.25 Haute Couture
- 3.26 Knock off
- 3.27 Mannequin
- 3.28 Pret-a-porter
- 3.29 Ready to wear
- 3.30 Window Display
- 3.31 Lingerie
- 3.32 Ethnic
- 3.33 Wardrobe
- 3.34 Texture

Unit 4: Fashion Cycle

2hrs

- 4.1 Definition
- 4.2 Different stages
 - a) Introduction of a product in the market
 - b) Rise
 - c) Peak
 - d) Saturation
 - e) Decline
 - f) Change

Unit 5: Fashion Designers

6hrs

- 5.1 Definition
- 5.2 Types
 - a) High fashion designer (Head designer)
 - b) Stylist designer
 - c) Freelance designer
 - d) Street designer
- 5.3 Importance of fashion designers
- 5.4 Role/Responsibilities of fashion designers

Unit 6: Sketching**4hrs**

- 6.1 Definition
- 6.2 Importance
- 6.3 Different Media/Materials used in Sketching
 - a) Pencil
 - b) Charcoal Pencil
 - c) Carbon Pencil
 - d) Color Pencil
 - e) Water Color Pencil
 - f) Marker Pen
 - g) Sketch Fountain Pen
 - h) Water Color
 - i) Poster Color
 - j) Acrylic
 - k) Crayons
 - l) Color Ink
 - m) Cartridge Paper
 - n) Ivory Paper
 - o) Tracing Paper
 - p) Carbon Paper
 - q) Brush
 - r) Drawing Board
 - s) Presentation File
 - t) Portfolios

Unit 7: Elements of Fashion Design**6hrs**

- 7.1 Concept
- 7.2 Basic elements of design
 - a) Shape and form (Silhouette)
 - b) Line
 - c) Color/Value
 - d) Texture

Practical**1) Draw and give pencil color shading in different types of****26hrs**

- a) Face
- b) Neck
- c) Shoulder
- d) Bust
- e) Waist
- f) Hip
- g) Arm
- h) Leg

- | | |
|---|--------------|
| 2) Draw a Female fashion block figure | 2 hrs |
| 3) Draw flesh figure out of block figure | 6hrs |
| a) Front View | |
| b) Back View | |
| 4) DrawStick figure | 2hrs |
| 5) Developsix different poses from stick figures | 8 hrs |
| 6) Applypencil shading in female figure (2B, 4B) | 2hrs |
| 7) ApplyPencil color shading in female figure | 4hrs |
| 8) ApplyPoster color shading in female figure | 4hrs |
| 9) Draw different types of hairstyle | 2hrs |
| a. Ponytail | |
| b. Pigtail | |
| c. Straight | |
| d. Curly | |
| e. Layered | |
| f. Plait/Braid | |
| 10) Draw a front view face | 4hrs |

References

1. *Patrick John Ireland (1992), Introduction to fashion design, B.T. Batsford ltd., London (1996)*
2. *Julian Seaman (1996), Fashion illustration basic techniques, B.T. Batsford ltd., London (1996)*
3. *ElisabettaDrudi, TizianaPaci (2001), Figure drawing for fashion design, the Pepin press, Amsterdam and Singapore*
4. *Pradeep Kumar (Fashion design and illustration, Indica publishers, Delhi*
5. *MaiteLafuente, Javier Navarro, Juanjo Navarro (2006), Fashion source poses, Page One Publishing Pvt. Ltd., Singapore*
6. *(2003), Hairstyle of the world, the Pepin press, Amsterdam and Singapore*
7. *Shankar Modgekar (1998), Figure drawing made easy, grace Prakashan, (Gurgaum, India)*
8. *Kitty G. Dickerson (2004), Inside the fashion business (7th edition), Pearson education Singapore Pvt. Ltd.*
9. *Alex Newman and ZakeeShariff (2009), Fashion a to z, Laurence king publishing ltd., united kingdom*

Fundamental of Textile

Year: I

Total: 4 hrs/w

Part: I

Theory: 4 hrs/w

Semester: I

Course Description

The course is designed to provide basic knowledge on textile fibers. It provides the comprehensive knowledge on fibers and their properties and uses.

Course Objectives

After completion of this programme, the students will be able to:

- Identify various types of natural and manmade textile fibers
- Acquire the knowledge on the properties and uses of fibers
- Explain spinning.

Course Contents

	Theory	
Unit 1: Textile		6 hrs
1.1 Introduction		
1.2 Importance		
1.3 Uses		
1.4 Properties		
Unit 2: Textile Fibers:		4 hrs
1.1 Introduction		
1.2 Classification		
○ Natural		
○ Manmade		
Unit 3: Natural Fibers:		15 hrs
3.1 Cellulosic fibers:		
• Introduction of cotton,		
• Properties		
• End uses of cotton.		
3.2 Bast fibers:		
• Introduction,		
• Properties		
• End uses of jute		
3.3 Protein fibers:		
3.3.1 Wool:		
• Introduction		
• Types		

- Properties
- End uses of wool.

3.3.2 Silk:

- Introduction
- Properties
- End uses of silk.

Unit 4: Manmade Fibers

15 hrs

1.1 Introduction

1.2 Difference between natural and manmade fibers

1.3 Different manmade fibers:

1.3.1 Rayon

- Introduction
- Properties
- End-uses

1.3.2 Nylon-

- Introduction
- Properties
- End uses

1.3.3 Polyester-

- Introduction
- Properties
- End uses

1.3.4 Acrylic-

- Introduction
- Properties
- End uses

Unit 5: Spinning

20 hrs

5.1 Introduction

5.2 Flow chart

5.3 Numbering of yarn

5.4 Definition of twist

5.5 Types of twist

5.6 Faults and remedies of yarn

Reference Books

- Gohl E.P.G. and Vilensky L.D., **Textile Science**, CBS Publishers and Distributors, Delhi (1987)
- Prof. Senai V.A., **Technology of Textile Processing Vol. I (Textile Fibres)**, Sevak Publications, Bombay (1995)
- Moncrieff R.W. : **Man Made Fibres** : Butterworths & Co. Ltd., London (1979)

Computer Application I

Year: I
Part: I
Semester: I

Total: 4 hrs/ w
Theory: 2 hrs/ w
Practical: 2 hrs/ w

Course Description

This course is intended to provide students with the knowledge and skills on basic computer system and Information Technology.

Course Objectives

After the successful completion of this course, the students will be able to:

- a. Identify computer system, computer hardware and software
- b. Install and use required Operating System, Application Software and utilities
- c. Perform binary, octal and hexa-decimal calculations and conversions
- d. Identify System Development Life Cycle (SDLC)
- e. Configure IP addresses on computers on network
- f. Use internet and e-commerce

Course Contents

	Theory	
Unit 1: Introduction to Computer		4 hrs
1.1. History of computer		
1.2. Definition		
1.3. Advantages and disadvantages of computer		
1.3.1. Characteristics		
1.3.2. Accuracy		
1.3.3. Speed		
1.3.4. Vast Storage		
1.3.5. Reliability		
1.3.6. Diligence		
1.3.7. Automatic,		
1.3.8. Non-intelligent		
1.3.9. Versatile		
1.4. Categories of computers on the basis of size:		
1.4.1. The Large Super Computers,		
1.4.2. Mainframes,		
1.4.3. Minicomputers,		
1.4.4. Workstations,		
1.4.5. Microcomputers,		
1.4.6. Laptops and Palmtops		
1.5. Applications of computer		

Unit 2: Computer System	8 hrs
2.1. Various components of computers:	
2.1.1. Input Devices: Keyboard, Mouse, Microphone	
2.1.2. Output Devices: Monitors, Printers: Impact (Dot Matrix); Non-Impact (Ink-jet and laser printer), Speaker	
2.2. The Central Processing Unit (CPU)	
2.2.1. CU, ALU and Registers	
2.3. Storage	
2.3.1. Primary Storage: Cache Memory, RAM and ROM and their types	
2.3.2. Auxiliary Storage: Magnetic Tape; Magnetic Disks: Hard Disk, Pen Drive, Memory Card; Optical Disk: CD, DVD, Magneto-Optical (MO) devices, The Blue-Ray Technology	
2.4. Computer Software	
2.4.1. Introduction	
2.4.2. System Software: Operating System, Utility Software	
2.4.3. Application Software: Word Processor, Spread Sheet, Presentation Tool	
Unit 3: Number System, Boolean Operations and Logic Gates	3 hrs
3.1. Decimal, Binary Octal and Hexa-decimal Number System	
3.2. Binary-to-Decimal and Decimal-to-Binary Conversion	
3.3. Binary Addition and Subtraction	
3.4. Logic Gates with description of AND, OR and NOT gates	
3.5. Combinational Circuit.	
Unit 4: Problem Solving Using Computers	3 hrs
4.1. Algorithm and Flowchart as one of the steps in problem solving	
4.2. Problem – Solving using computers and Programming Techniques	
4.3. Machine Language, Assembly Language, High-Level and Low-Level Language	
4.4. Assemblers, Compilers and Interpreters	
Unit 5: Computer System Analysis and Development	2 hrs
1. Case Study the steps in System Development life cycle	
5.1.1 Investigation	
5.1.2 Analysis	
5.1.3 Design	
5.1.4 Implementation	
5.1.5 Documentation	
Unit 6: Multimedia	2 hrs
6.1. Multimedia and its various uses	
6.2. Various image file formats: PNG, JPEG, GIF, TIF etc.	
6.3. Animation, audio and video	
Unit 7: Computer Network	2 hrs
7.1. Overview of the computer network	
7.2. Various network topologies with their advantages and disadvantages	

- 7.3. TCP/IP protocol stack
- 7.4. Various types of network: LAN, MAN and WAN
- 7.5. Categories of networks in terms of Internet and Intranet

Unit 8: Introduction to the Internet **2 hrs**

- 8.1. Client-Server Architecture of computer networks
- 8.2. World Wide Web (www)
- 8.3. Static Vs. Dynamic Contents on the Web
- 8.4. Electronic Mail (e-mail) and its importance

Unit 9: Introduction to Electronic Commerce **2 hrs**

- 9.1. Basic concept of e-Commerce with its various aspects
- 9.2. Various types of e-Commerce

Unit 10: Societal Issues of Computer **2 hrs**

- 10.1. Computer Crime in context of various ethical issues in Computing
- 10.2. Cyber Law

Practical

Unit 1: Hardware **4 hrs**

- 1.1. The lab session should introduce various components of computer and give knowledge of basic computer parts
- 1.2. Perform computer assembling with device related issues

Unit 2: Software **5 hrs**

- 2.1. The Operating System Installation
- 2.2. Introduction to Device Drivers
- 2.3. Files (File Names/ Formats/ Extensions) and Folders

Unit 3: MS-DOS **6 hrs**

- 3.1. Lab work consisting of several DOS commands to accomplish various tasks
Create, Move, Rename, Copy, Delete Files/Folders

Unit 4: MS-Office **10 hrs**

- 4.1. Lab work consisting of standard features to perform related tasks on various office element software: MS-Word and MS-Excel
- 4.2. Lab work consisting of standard features to perform related tasks on multimedia presentation (Format slide and presentation, graphics, charts and media clips, animation effect, slide shows, view and print presentation).

Unit 5: Computer Network and Internet **5 hrs**

- 5.1. Visibility of computers inside a network, sharing of resources, browsing through the Internet, the fundamentals of e-commerce etc.

References

- 1. Norton, Peter, *Introduction to Computers*, Tata McGraw-Hill
- 2. Sinha, P.K., *Computer Fundamentals*, BPB Publication
- 3. Kahate, Atul, *Foundation of IT*, Tata McGraw-Hill

Garment Technology – I

Year: I
Part: I
Semester: I

Total: 8 hrs/w
Theory: 2 hr/w
Practical: 6 hrs/w

Course Description:

The course is designed to provide basic and comprehensive knowledge of way of taking body and garment measurement, machinery parts, its functions and the machines stitches. It imparts knowledge and skills of sewing different parts of the garment finishing.

Course Objective:

After completion of this programme, the students will be able to:

- a. Take a body and a garment measurement.
- b. Identify the different types of sewing machine, its parts and the functions.
- c. Identify the different types of stitches and its uses.
- d. Perform the sewing of garments parts and its finishing.

Course content:

	Theory	
Unit 1: Introduction to Garment Technology		2 hr
1.1. Introduction		
a. Garment		
b. Garment Technology		
c. Garment Industries		
1.2. Scale of garment industries in Nepal		
a. Large		
b. Medium		
c. Small		
Unit 2: Sewing Machines and Equipment:		6 hrs
2.1. Introduction to Sewing Machine		
2.2. Type of Sewing Machine		
• Domestic : Dry machine		
• Industrial		
• Variable Speed Electric Motors		
• Integrated Motor		
2.3. Parts of Sewing Machines		
• Needle		
• Throat Plate		
• Pressure Foot		
• Feed Dogs		
• Sewing Threads		

2.4. Uses of Basic Sewing Machine

- Regular Sewing Machine
- Bartacker Machine
- Lockstitch Buttonhole Machine
- Over locking Machine
- Blind Stitching Machine
- Button Sewing Machine

Unit 3: Body and Garment measurement

3 hr

- 3.1. How to measure body Dimension.
- 3.2. Standard measurement
 - a. Misses and Misses Petit
 - b. Toddler, Junior and Children
 - c. Girl and Women
 - d. Boy and Men
- 3.3. Pattern Size measurement
 - a. Dresses, Blouses, Tops, Vests, Jackets and Coats
 - b. Skirts, Pants and Shorts

Unit 4: Stitches and Seams:

5 hrs

- 4.1. Introduction and application of stitches
 - 4.1.a. 100 Class Stitches: Chain Stitches
 - 4.1.b. 200 Class Stitches: Hand formed Stitches
 - 4.1.c. 300 Class Stitches: Lock Stitches
 - 4.1.d. 400 Class Stitches: Locked Chain Stitches
 - 4.1.e. 500 Class Stitches: Over-edging Stitches
 - 4.1.f. 600 Class stitches: Flat Seam or Covering Stitches
 - 4.1.g. 700 Class Stitches: Single Thread Lock Stitches
 - 4.1.h. 800 Class Stitches: Combination Stitches
- 4.2. Introduction and type of seams
 - 4.2.a. Superimposed Seams
 - 4.2.b. Lapped Seams
 - 4.2.c. Bound Seams
 - 4.2.d. Flat Seams
 - 4.2.e. Edge Finish Stitches
 - 4.2.f. Ornamental Stitching

Unit 5: Sewing and Finishing of Garment Parts:

10 hrs

- Introduction and types of:
- a. Neckline
 - b. Waistbands
 - c. Pockets
 - d. Sleeves

- e. Collars
- f. Yokes
- g. Cuffs
- h. Plackets
- i. Zipper

Unit 6: Fabric Pattern and layout technique

4 hr

- 6.1. The Pattern based on:
 - a. Printing
 - b. Weaving
- 6.2. Grain Lines
- 6.3. Pile Direction and lay plans
 - 6.3.a. One-way
 - 6.3.b. Two-way
 - 6.3.c. No-pile

Practical

Unit 1 Prepare Different types of Seams

15 hrs

- 1.1. Superimposed Seams
- 1.2. Lapped Seams
- 1.3. Bound Seams
- 1.4. Flat Seams
- 1.5. Edge Finishing Seams
- 1.6. Decoration Seams
- 1.7. Applied Seams
- 1.8. Single Ply Construction Seam
- 1.9. French Seam
- 1.10. Double Stitched Seams
- 1.11. Overlock Seams
- 1.12. Conventional Seams
- 1.13. Hairline Seams

Unit 2 Prepare Different Types of Pockets

30 hrs

- 2.1. Patch Pockets
- 2.2. Decorative Pocket with Flap
- 2.3. Cut Pocket with Band
- 2.4. Cut Pocket with Zipper
- 2.5. Bound Pocket with Flap
- 2.6. Side Seam Pocket
- 2.7. Cross Pocket
- 2.8. Patch Pocket for Shorts

Unit 3 Prepare Neckline Finishing**20 hrs**

- 3.1. Shirt Collar
- 3.2. Chinese Neckline
- 3.3. Shape Band Neckline
- 3.4. Piping
- 3.5. Yoke

Unit 4 Prepare Different Parts of Garment Finishing**25 hrs**

- 4.1. Shirt Sleeve Plackets
- 4.2. Continuous Lap Plackets
- 4.3. Raglan Sleeve
- 4.4. Shirt Sleeve with Cuff
- 4.5. Pant Zipper
- 5.6. Invisible Zipper
- 5.7.T-Shirt Straight Plackets

Reference Books:

- Carr Harold and Latham Barbara, *The Technology of Clothing Mamufacture*, Blackwell Science Ltd.,Oxford, England
- Rajkishor Nayakand Rajiv Padhey, *Garmrnt Manufacturing Technology*, 28th May 2015, Woodhead Publication.
- Rajendra Singh (2016), *Introduction to Garment Technology*,
- <http://www.garmentsmerchandising.com/types-of-stitch-used-in-garments/>
- <http://www.coatsindustrial.com/en/information-hub/apparel-expertise/seam-types>

Year: I

Part: II

Semester: II

Subjects:

1. Nepali II
2. English II
3. Principles of Accounting
4. Computer Application II
5. Textile Science I
6. Garment Technology II
7. Elements of fashion design II

नेपाली दोश्रो

वर्ष : प्रथम
भाग : दोश्रो
सेमेष्टर: दोश्रो

कक्षा भार : ५ घण्टा/प्रति हप्ता
सैद्धान्तिक: ५ घण्टा/प्रति हप्ता
प्रयोगात्मक : ० घण्टा/प्रति हप्ता

पाठ्यांश परिचय :

यस पाठ्यांश अन्तर्गत विद्यार्थीहरूलाई ज्ञानविज्ञान, प्रविधि संचार, साहित्य आदि विविध विषय र क्षेत्रका नेपाली भाषाका प्रयोगसंग परिचित गराउनाका साथै विभिन्न भाषिक पृष्ठभूमि भएका विद्यार्थीहरूमा स्तरीय कथ्य र लेख्य नेपाली भाषाका दृष्टिले देखिन सक्ने त्रुटिहरूको निराकरण गर्ने र नेपाली भाषाका प्रयोगलाई शुद्ध एवं परिष्कृत तुल्याई व्यावहारिक र मौलिक अभिव्यक्तिको विकास गर्ने तर्फ जोड दिइनेछ । यिनै कुरालाई दृष्टिगत गरी यस पाठ्यांश मुख्यतः पठन र बोध, व्याकरण तथा त्यसको प्रयोगको अभ्यासका साथै लिखित अभिव्यक्ति र रचनाशिल्प सम्बन्धी पाठ्यवस्तुहरू समावेश गरिएका छन् ।

उद्देश्यहरू :

यो पाठ्यांश पूरा गरेपछि विद्यार्थीहरू निम्नलिखित कुरामा सक्षम हुनेछन् :

- स्तर अनुरूप विभिन्न क्षेत्रमा प्रयोग हुने कथ्य र लेख्य नेपाली भाषा सम्बन्धी बोध र अभिव्यक्ति गर्न,
- नेपाली भाषाका पुस्तक पत्रिका, लेख आदि सामग्री पढी स्तरीय भाषामा बुँदाटिपोट, संक्षेपीकरण, विवेचना र समीक्षा गर्ने,
- व्यावहारिक सन्दर्भका अनुच्छेद, चिठी, सूचना, विज्ञापन, निबन्ध, टिप्पणी, प्रतिवेदन आदि प्रयोगमा देखिएका भाषिक त्रुटिहरूप्रति सचेत भई तिनको निराकरण गर्न,
- वर्णविन्यास, शब्दभण्डार, व्याकरण र वाक्यतत्व सम्बन्धी स्तरीय भाषामा भाव अभिव्यक्ति गर्न ।

एकाइ १ : वाक्यतत्व

- | | |
|--|----------|
| क) उद्देश्य र विधेय : | २० घण्टा |
| अ) उद्देश्य र विधेयको परिचय | २ घण्टा |
| आ) उद्देश्य र विधेयको विस्तारको परिचयात्मक ज्ञान र अभ्यास | |
| ख) क्रियाको परिचय : | २ घण्टा |
| अ) अकर्मक, सकर्मक, द्विकर्मक, पूरकापेक्षी तथा मुख्य र सहायक क्रियाको पहिचान | |
| आ) प्रेरणार्थक क्रिया इ) नामधातु ई) सरल र संयुक्त क्रियामा फरक | |
| ग) काल : | २ घण्टा |
| अ) कालको परिचय | |
| आ) कालका प्रकार अन्तर्गत भूत र अभूत कालको परिचय र त्यस सम्बन्धी अभ्यास | |
| घ) पक्ष : | २ घण्टा |
| अ) पक्षको परिचय | |
| आ) काल र पक्षमा फरक | |
| इ) पक्षका प्रकार अन्तर्गत सामान्य, पूर्ण, अपूर्ण, अभ्यस्त अज्ञात सम्बन्धी ज्ञान र अभ्यास | |
| ङ) भावरर्थ : | २ घण्टा |
| अ) भाव वा अर्थको परिचय | |
| आ) भावका प्रकार अन्तर्गत सामान्यार्थ, विध्यर्थ (आज्ञार्थ, इच्छार्थ), अनिश्चयार्थ (सम्भावनार्थ, संकेतार्थ) सम्बन्धी परिचय, ज्ञान र अभ्यास | |

- च) वाच्य : २ घण्टा
 अ) वाच्यको परिचय
 आ) वाच्यको प्रकार सम्बन्धी ज्ञान
 इ) कर्तृवाच्य, कर्मवाच्य र भाववाच्यमा फरक
- छ) संगति : ३ घण्टा
 अ) संगतिको परिचय
 आ) लिंग, वचन, पुरुष, आदर आदिका आधारमा कर्ता र समापिका क्रिया बीच संगति
 इ) वाच्य परिवर्तन र संगति
 ई) विशेषण विशेष्य तथा भेदक भेद्यका बीच संगति
 उ) नाम र सर्वनाम बीचको संगति
- ज) कारक र विभक्ति : ३ घण्टा
 अ) कारकको परिचय, कारक र विभक्तिको सम्बन्ध, कारकका भेद
 आ) कर्ता, कर्म, करण, सम्प्रदान, अपादान र अधिकारणका साथै सम्बन्ध र पूरकको परिचय सम्बन्धी ज्ञान
 इ) प्रत्यक्ष र अप्रत्यक्ष कर्ममा फरक
 ई) सरल र तिर्यक कारक सम्बन्धी ज्ञान
 उ) विभक्तिको परिचय
 ऊ) विभक्तिको प्रयोग सम्बन्धी नियम अन्तर्गत (प्रथमा, द्वितीया, तृतीया, चतुर्थी, पञ्चमी, षष्ठी, सप्तमी विभक्तिको ज्ञान)
- झ) पदक्रम : २ घण्टा
 अ) पदक्रमको परिचय
 आ) विशेषण विशेष्यको पदक्रम : (भेदक, विशेषण र नाम, क्रियायोगी र क्रियाका बीच)
 इ) कर्ता र क्रिया : कर्ता र कर्म (अप्रत्यक्ष र प्रत्यक्ष कर्म) र क्रिया : कर्ता, कर्म र क्रियायोगीको पदक्रम सम्बन्धी ज्ञान
 ई) व्याकरणात्मक र आलंकारिक (साहित्यिक) पदक्रम सम्बन्धी परिचय
- एकाई २: वाक्यका प्रकार र वाक्यान्तरण १५ घण्टा
- क) वाक्यका प्रकार : ३ घण्टा
 अ) सरल, संयुक्त र मिश्र वाक्यको पहिचान र अभ्यास
 आ) सरल सामान्य वाक्यको उद्देश्य र विधेय तथा तिनको विस्तार चिन्ने अभ्यास
- ख) वाक्यान्तरण : ४ घण्टा
 अ) वाक्यमा लिंग, वचन, पुरुष, आदरार्थी परिवर्तन
 आ) वाच्य परिवर्तन : कर्तृ, कर्म वा भाव मध्ये एक वाच्यबाट अर्को वाच्यमा परिवर्तन
 इ) अप्रेरणार्थकबाट प्रेरणार्थकमा परिवर्तन
 ई) करणबाट अकरण, अकरण बाट करण र युगल अकरणमा परिवर्तन
 उ) सामान्यार्थबाट आज्ञार्थक, इच्छार्थक, सम्भावनार्थक, प्रश्नार्थकमा परिवर्तन
- ग) वाक्य विश्लेषण : ३ घण्टा
 अ) सरल, संयुक्त र मिश्र वाक्यको पहिचान
 आ) सरल वाक्यको उद्देश्य र विधेय चिन्ने अभ्यास
 इ) मुख्य र आश्रित उपवाक्यहरू चिन्ने अभ्यास
 ई) करणबाट अकरण, अकरण बाट करण र युगल अकरणमा परिवर्तन

- घ) वाक्य संश्लेषण : ३ घण्टा
 अ) सरल वाक्यबाट संयुक्त र मिश्र वाक्यमा वाक्यसंश्लेषण
 आ) वाक्य संश्लेषण गर्दा कुनै संयोजक, सर्वनाम र असमापिका क्रियाको प्रयोग र विभिन्न पद पदावलीको लोप ।
 इ) सरल वाक्यको नामीकरण, विशेषणीकरण र क्रियायोगीकरण
- ड) उक्ति परिवर्तन : २ घण्टा
 अ) प्रत्यक्ष कथन र अप्रत्यक्ष कथनको पहिचान
 आ) विभिन्न प्रत्यक्ष कथनका वाक्यहरूलाई अप्रत्यक्ष कथनमा परिवर्तन गर्ने अभ्यास

एकाइ ३ : बोध तथा प्रयोजनपरक नेपाली २५ घण्टा
 नेपाली भाषामा बोध क्षमता बढाउने दृष्टिले ज्ञान विज्ञानका विभिन्न क्षेत्रबाट संकलित पाठ्यसामग्रीहरू बाट पठनबोधको अभ्यासका साथै शब्दभण्डार र व्याकरणको समेत अभ्यास गराउने । यस्तो अभ्यास गराउंदा संकायगत विशिष्टता अनुसारका पाठ्यसामग्रीहरूमा जोड दिनु पर्दछ ।

- क) बुंदाटिपोट, संक्षेपीकरण र अनुच्छेदलेखन : ६ घण्टा
 अ) सुनेका, सोचेका र पढेका विषयवस्तुहरूका मुख्य मुख्य बुंदाहरू ठम्याउने र टिप्ने अभ्यास ।
 आ) विस्तारित र संक्षेपीकृत अभिव्यक्ति पाइने भिन्नताको पहिचानका साथै गद्यांशमा व्यक्त विचारका संक्षेपीकरण गर्ने अभ्यास ।
 इ) विभिन्न किसिमका अनुच्छेदहरूको पहिचान र अभ्यास गराउने ।
- ख) पत्र रचना : ५ घण्टा
 अ) चिठी, निवेदन, निमन्त्रणा र विज्ञापनको अडग प्रत्यङ्ग सम्बन्धि पहिचान दिने ।
 आ) पत्र लेखनका विभिन्न ढाँचा एवम् तरिकाको ज्ञान र अभ्यास : कार्यालयीय निवेदन, सूचना, निमन्त्रणा पत्र र विज्ञापनको रचना सम्बन्धी ज्ञान र लेखनको अभ्यास
- ग) निबन्ध लेखन : ६ घण्टा
 अ) निबन्धका प्रकारहरूको परिचय दिने ।
 आ) निबन्ध लेखनको लागि बुंदाहरूको निर्माण गर्न सिकाउने र उक्त बुंदाहरूलाई विभिन्न अनुच्छेदमा प्रस्तुत गर्ने र निबन्ध लेखनका लागि अभ्यास गराउने ।
- घ) प्रतिवेदन लेखन : ८ घण्टा
 अ) प्रतिवेदन लेखनको परिचय दिने ।
 आ) आफुले देखेसुनेको, भोगेको, अनुभव गरेको र अध्ययन गरेको कुनै सन्दर्भ (घटना, सभा समारोह, चाडपर्व, यात्रा, समस्या वा अन्य विषयका कुरा) र तत्सम्बन्धी आफ्ना अनुभव, विचार आदिको समावेश गरी लेखिने गद्यात्मक लामो अभिव्यक्ति स्वरूप प्रतिवेदन (वर्णन, विवरण वा रिपोर्टाज) लेख्ने तरिकाको ज्ञान र अभ्यास ।

एकाइ ४ : कृति समीक्षा		१५ घण्टा
क) नाटक :		३ घण्टा
अ) विजय मल्ल	(बहुलाकाजीको सपना)	
ख) निबन्ध :		४ घण्टा
अ) लक्ष्मीप्रसाद देवकोटा	(वीरहरू)	
आ) श्यामप्रसाद शर्मा	(आइमाई साथी)	
ग) कथा/आत्म कथा :		६ घण्टा
अ) गुरुप्रसाद मैनाली	(छिमेकी)	
आ) विश्वेश्वरप्रसाद कोइराला	(सिपाही)	
इ) रमेश विकल	(मधुमालतीको कथा)	
घ) आत्म बृत्तान्त :		२ घण्टा
अ) कर्ण शाक्य	(म सक्छु)	

पाठ्यपुस्तक तथा सहायक पुस्तकहरू :

- क) लीलबहादुर क्षेत्री, बसाई, साभा प्रकाशन, काठमाडौं
 ख) गोरखापत्र (सम्पादकीय, टिप्पणी, लेखहरू) गोरखापत्र संस्थान काठमाडौं
 ग) अनिवार्य नेपाली सम्बन्धी अन्य प्रकाशित पाठ्यपुस्तकहरू
 घ) कर्ण शाक्य, म सक्छु

English II

Year: I
Part: II
Semester: II

Total: 5 hrs/ w
Theory: 5 hrs/ w
Practical: 0 hrs/ w

Course Description

This course is a continuation of English I. It is designed to provide knowledge on the use of English grammar in the English language so as to have better competency in writing, understanding a text and correct use of English so as to meet the current and future language needs of the students.

Course Objectives

After the completion of this course, the student will be able to:

1. Familiarize with the basic of English language and grammar.
2. Communicate in English in practical life
3. Explore the potential of learning language through literature.
4. Write reports and letters
5. Develop complete integrated skills

Course Contents

Unit 1: Communication

15 hrs

- 1.1 Verbal and nonverbal communication
- 1.2 Different forms of non-verbal communication
- 1.3 Effective communication
- 1.4 Barriers to effective communication

Unit 2: Creative Writing

15 hrs

- 2.1 Writing essays:
 - Practice on different forms of essay writing
 - Article writing on current issues
 - Book reviews
 - Formal report and informal reports: reports in the form of memo and letter
 - Report writing on an event/excursion, newspaper reporting
 - Writing for giving a talk, and speech
- 2.2 Writing stories / memorable events
- 2.3 Talking and writing on pros and cons of having / not having a thing

Unit 3: Letter Writing	10 hrs
3.1 Letter of complaints and letters to the editor on social issues	
3.2 Sales letters: essence of a sales letter	
3.3 Practice on sales letter writing	
3.4 Letter of application for a job	
3.5 Writing Resume and Curriculum Vitae	
3.6 Making requests, asking for permission and offer, and giving suggestions/advice	
3.7 Reply to the requests, permission and offer	
3.8 Dialogue writing/ telephone conversation	
3.9 Memo writing	
3.10 Report Writing	
3.11 Proposal Writing	
Unit 4: Grammar	10 hrs
4.1 Indirect questions	
4.2 Idioms and phrases	
4.3 Use of when, after, while, as soon as etc	
4.4 Making negatives : use of un/dis	
4.5 Use of be + used to + v5	
4.6 Use of used to + v1	
4.7 Structures for expressing probability in predictions :	
4.8 Adverbs and modals: certainly/ definitely/ probably, may/might/could, I should think....., I expect....., I doubt if.....	
Unit 5: Joys of Reading	25 hrs
5.1 Stress	5 hrs
• Stress and illness	
• Coping with stress	
• Psychology and cancer	
5.2 Global Issues	4 hrs
• Population change	
• Flight to the cities	
• The environment	
• Into the future	
5.3 Poems	5 hrs
• The Daffodil – William Wordsworth	
• On the Vanity of Earthly Greatness – Arthur Guiterman	
5.4 Speech	4 hrs
• I Have a Dream – Martin Luther King	
• The Future is now: A Zest for living – Dr Walter F, Stromer	
5.5 Play	3 hrs
• The Rising of the Moon – Lady Gregory	
5.6 Essay	4 hrs
• Machines and Emotions – Bernard Russell	

References:

1. S.P. Lohani and R. Adhikari(1997), **The Magic of words**, , M.K. Publishers,
2. Bernard Seal, (2006), **Academic Encounter**, , Foundation Books Pvt, New Delhi,
3. Kristine Brown and Sushan Hood, (2005), **Academic Encounter**, , Cambridge University Press, Foundation Books,
4. Neena Kaul and Renu Anand, **Chinar I/II An anthology of Pros and poems**, Foundation Books, New Delhi
5. Liz and John Soars, **New Headway (Intermediate and Upper Intermediate)**, Oxford University Press.
6. L Gartside, (1981) **Model Business Letters**, Pitman Publishing
7. Adrian Doff, Christopher Jones and Keith Mitchell, (1997), **Meaning into the Words (Upper Intermediate)** Cambridge University Press,
8. Lesikar, R. V., Pettit, J. D. & et al (2001). **Lesikar's basic business**
9. **Communication** (8th ed.), Tata McGraw-Hill New Delhi
10. Asha Kaul, **Business Communication**, Modern Economy Edition

Principles of Accounting

Year: I
Part: II

Total: 6 hrs/w
Theory: 6 hrs/w
Practical: 0 hrs/w

Course Description

This course provides fundamental knowledge about book keeping accounting, Basic principles book keeping and accounting, preparation of journal entries, preparation ledger account, preparation of cash books, and preparation of trading account, profit and loss account and balance sheet.

Course Objectives

After completion of this course, the student will be able to:

- a. Get knowledge of book keeping and basic accounting
- b. Record of transaction, and the subsidiary books
- c. Handle cash and banking transactions
- d. Handle trial balance and accounting errors
- e. Prepare the final accounts
- f. Prepare the cost sheet
- g. Get the government accounting system and its format

Course Contents

Unit 1: Book Keeping and Accounting Concept

5 hrs

- 1.1 Meaning, definition and objectives of book keeping
- 1.2 Meaning, Definition, Objectives, Importance, Functions, Advantages and Limitations of Accounting
- 1.3 Methods of Accounting (Single Entry and Double Entry)
- 1.4 Double entry System:
 - Steps involve in double entry system
 - Advantages of double entry system
 - Meaning of Debit and Credit
 - Types pf Accounts and its rule
 - Show the accounting equations
- 1.5 Accounting concepts and conventions
- 1.6 Bases of accounting

Unit 2: Recording of Transactions

10 hrs

- 2.1 Accounting terminologies- Capital; Liabilities (Long-term and short-term liabilities); Assets (Fixed assets, current assets, investment, tangible and intangible assets, inventory); Revenue (sales, other income, sales of assets) and Expenses (purchase, salaries, rent).

2.2 Book of Original Entry: Journalize the following transactions: Make journal entries of capital, liabilities, assets, purchase, sales, credit transactions for purchase and sales, loss and gains, revenues and expenses and expenses, return outward and inward, compound transactions including acceptance, discounting, and dishonor of bills of exchange.

2.3 Ledger Account:

- State the concept, objectives, importance and utility of Ledger account
- Prepare ledger accounts in the form of "T" shape and continuous balance form
- Post into ledger accounts with and without journal entries
- Costing and balancing of ledger accounts.

Unit 3: Subsidiary Books and its Types:

8 hrs

3.1. Purchase book:

- Explain the concept of purchase book, purchase invoice, trade discount and cash discount
- Prepare purchase book and posting to purchase account

3.2. Sales book:

- Explain the concept of sales book, sales invoice
- Prepare sales book and posting to sales account

3.3. Purchase Return Book:

- Explain the concept of purchase return book, debit note
- Prepare purchase return book and posting to purchase return account

3.4. Sales return book:

- Explain the concept sales return book, credit note
- Prepare sales return book and posting to sales return account

Unit 4: Cash and Banking Transactions

14 hrs

4.1. Concept of cash and banking transactions: Banking concepts:

- State the meaning of cheque
- Explain the types cheque
- Explain the parties involved in a cheque
- Define the endorsement of cheque
- Define dishonor of cheque
- Give the meaning of bank statement (pass book)
- Give the meaning of Cash book:
- Prepare single column cash book, double column cash book and triple column cash book
- Prepare petty cash book- simple and analytical

4.2. Bank Reconciliation statement:

- State the meaning of bank reconciliation statement, reasons for disagreement between cash book and bank statement from cash book and pass book balances and overdrafts
- Prepare bank reconciliation statement

Unit 5: Trial Balance and Accounting Errors

6 hrs

5.1 Trial balance:

- State the meaning and definition of trial balance
- Explain the objectives of preparing trial balance
- Methods of preparing trial balance
- Prepare unadjusted trial balance

5.2 Accounting errors:

- State meaning and types of accounting errors
- Explain the errors disclosed and not disclosed by trial balance
- Rectify the errors before and after preparation of trial balance

5.3 Suspense account:

- Give the meaning, utility, and preparation of suspense account

Unit 6: Final Accounts

25 hrs

6.1 Capital and revenue concept:

- State meaning and concept capital and revenue concept
- Differentiate between capital and revenue receipts, expenditure, losses, profit and reserves

6.2 Trading Account:

- State the meaning of trading account
- Preparation of trading account
- closing entries relating to trading account

6.3 Profit and loss account:

- State the meaning of profit and loss account
- Preparation of profit and loss account
- Give the closing entries for profit and loss account

6.4 Balance Sheet:

- State the meaning of balance sheet
- Classification of assets and liabilities
- Proforma of balance sheet

6.5 Preparation of final accounts:

- Prepare with or without following adjustments: outstanding expenses, prepaid expenses, advance income, accrued income, depreciation, appreciation, closing stock, bad debts, loss of goods, provision for bad debts, provision for discount on debtors, drawing in cash and in kinds, interest on loans, and investments.

Unit 7: Depreciation

6 hrs

7.1 Give the concept and causes of depreciation

7.2 Advantages of providing depreciation

7.3 Factors affecting the amount of depreciation

7.4 Fixed instalment method:

State meaning, advantages and disadvantages, accounting treatment for purchase of assets, charging yearly depreciation, addition and disposal of assets

7.5 Reducing Balance method:

State meaning, advantages and disadvantages, accounting treatment of purchase of assets, additional and disposal of assets, preparation of ledger accounts

Unit 8: Cost Accounting

10 hrs

8.1. Definition of cost, costing and cost accounting

8.2. Objectives of cost accounting

8.3. Function of cost accounting

8.4. Preparation of Cost sheet

8.5. Treatment of stocks

Unit 9: Accounting for Non-Profit Organization

2 hrs

Unit 10: Government Accounting and its Forms Format.

4 hrs

Text Books:

1. *Shrestha Narayan Prasad (2014), A Text Book of Accounting, M.K. publishers & Distributors, Bhotahity, Katkmandu*

References:

1. *Dr Chandra Kishor Singh, Principle of Accounting, Jupiter Publishers & Distributors. Teku Kathmandu*
2. *Ratna Man Dangol, Basic Course in Accountancy, Taleju prakashan, Bhotahity, Katkmandu*
3. *S.P. Jain and K.L.Narang, Advance accountancy Principle of Accounting,(Volume-I), Kalyani Publishers, New Delhi*

Computer Application II

Year: I
Part: II
Semester: II

Total: 2 hrs/w
Theory: 0 hrs/w
Practical: 2 hrs/w

Course Description

This course is intended to provide students with the knowledge and skills on multimedia presentation, database program, and Integration of gender equity & social inclusion and management information system (GESIMIS) for monitoring and evaluation system.

Course Objectives

After the successful completion of this course, the students will be able to:

- Prepare multimedia presentation
- Operate database management system program
- Identify GESI/MIS for monitoring and evaluation system

Course Contents

PRACTICAL

Unit 1: Database Program

10 hrs

Lab work consisting of standard features to perform related tasks on various database management system software (MS Access, MS SQL)

Unit 2: GESIMIS for Monitoring and Evaluation System

20 hrs

Lab works consisting of maintain and Keep records of different nature of data and information in GESIMIS database system, generate reports based on prescribed M&E Software (A, B, C, D, E, F, G forms, PRA reports)

Textile Science I

Year: I
Part: II
Semester: II

Total: 4 hrs/w
Theory: 2 hrs/w
Practical: 2 hrs/w

Course Description

The course is designed to provide basic knowledge on Weaving. It provides the comprehensive knowledge on different weave designs and their characteristics.

Course Objectives

After completion of this programme, the students will be able to:

- Identify various types of woven fabrics
- Design various weaves
- Familiarize with knitting
- Differentiate between weaving and knitting

Course Contents

	Theory	
Unit 1: Weaving		6 hrs
<ul style="list-style-type: none">• Introduction• Elements of fabric structure and construction.• Various weaving machines:• Different types of looms,• Parts of loom.		
Unit 2 Pre-processes of Weaving:		2 hrs
<ul style="list-style-type: none">• Winding• Warping• Sizing		
Unit 3 Weaving mechanism:		4 hrs
<ul style="list-style-type: none">• Introduction Flow chart of weaving• Primary motion (shedding, picking and beating)• Secondary motion (let off, take up)		
Unit 4 Knitting:		6 hrs
<ul style="list-style-type: none">• Introduction• Basic principle of knitting.• Difference between weaving and knitting.• Various knitting machines.		

Unit 5 Weave designs and their construction:

12 hrs

Basic weave designs:

- Plain
- Twill
- Satin
- Graphical representation of basic weave designs

Practical

1. Identify and distinguish between the different fibres through burning test. 6 hrs

- Collect 5 different fabric samples (5cm by 5 cm) of cotton, wool, silk and acrylic.
- Take out few yarns from each of the samples and burn the yarns using a small flame with the help of forceps.
- Observe the samples as they burn.
- Observe whether the fibres melt or form a hard beard or ash and identify the burning smell that is emitted.
- Identify the samples from the smell and the residue after burning.
- Make a table on the ivory sheet and paste the sample of fibre and write down the observations.

2. Identify the basic weaves in fabrics 6 hrs

- Take 5 fabric swatches of 10cm X 10 cm each of basic weave patterns.
- Observe the two sets of yarn, see how the warp and weft yarns move up & down for interlacement
- Identify the warp and the weft
- Find out the type of weave (plain, twill or sateen) of each of the fabric samples.
- Present it neatly on the ivory sheet.

3. Identify the printing method used on fabric 6 hrs

- Take 5 fabric swatches of 10cm X 10 cm each of different printed patterns.
- Observe the type of print, how many colours have been used in the print.
- Identify the method of printing.
- Present it neatly on the ivory sheet.

4. Identify the applications and end uses of different textile structures. 6 hrs

- Select 5 of each fabric swatch of 10cm X 10cm each.
- Observe the piece for print, colours, thickness, feel and the comfort properties of each sample.
- Identify the end uses of each of the fabric samples.
- Present it neatly on the ivory sheet.

5. Analyse physical properties of textile materials

6 hrs

- Fibre length (Staple length)
- Number of yarn (Count, denier, tex)
- Twist
- Fabric density (Ends and picks per cm)

Reference Books;

- 1 *Marks and Robinson, **Principles of Weaving**, The Textile Institute, Manchester (1976)*
- 2 *Trotman E.R., **Dyeing and Chemical Technology**, Charles Griffin and Co. Ltd., London (1975)*
- 3 *Grosicki Z.: *Watson's textile design and color: Butterworth and Co. Ltd., London (1975)**

Garment Technology – II

Year: I
Part: II
Semester: II

Total: 7 hrs/w
Theory: 3 hr/w
Practical: 4 hrs/w

Course Description:

The course is designed to provide basic and comprehensive knowledge of fabric layering, marking and cutting. Similarly garment accessories, garment finishing, quality control and garment costing. It imparts knowledge and skills from the fabric layering to the final costing of the garments.

Course Objective:

After completion of this programme, the students will be able:

- a. To identify the fabric layering, marking and cutting.
- b. To perform the different methods of cutting and garment accessories.
- c. To identify the alternative methods of joining.
- d. To identify garment pressing, finishing, quality control and garment cost.

Course contents:

	Theory	
Unit 1: Introduction to Cutting		6 hrs
1.1.Cutting		
1.2.Objective of Cutting		
1.3.Different Methods of Cutting		
1.3.a. Hand Shears		
1.3.b. Straight Knife		
1.3.c. Round Knife		
1.3.d. Band Knife		
1.3.e. Notchers		
1.3.f. Drills and Thread makers		
1.3.g. Computer controlled cutting Knives		
Unit 2: Garment Accessories		12 hrs
2.1. Labels and Motifs		
2.2. Linings		
2.3. Interlinings		
2.4. Waddings		
2.5. Lace, Braid and Elastic		
2.6. Seam Binding and Tape		
2.7. Shoulder Pads		
2.8. Fasteners		
2.8.a. Closure Basics		
2.8.b. Hooks and Eyes		

2.8.c. Crocheted Chain	
2.8.d. Snaps	
2.8.e. Hooks and Loops Fasteners	
2.8.f. Self-Gripping Fasteners	
2.8.g. Decorative Fasteners	
2.9. Hanger Loop	
2.10. Twill Tape	
Unit 3: Alternative method of Joining the Fabric	4 hrs
3.1. Fusing	
3.2. Welding	
3.3. Moulding	
Unit 4: Pressing Technology	7 hrs
4.1. Introduction	
4.2. Purpose	
4.3. Categories	
4.4. Machine and Equipment for pressing	
4.4.a. Hand Irons	
4.4.b. Steam Presses	
4.4.c. Steam Tunnel	
4.4.d. Pleating	
4.5. Under Pressing	
4.6. Top Pressing	
Unit 5: Garment Finishing and Inspection	8 hrs
Finishing Section	
5.1.1 Finishing Process	
5.1.a. Attaching Buttons	
5.1.b. Attaching Labels	
5.1.c. Cleaning the Garments	
5.2. Inspection	
5.3. Principle factors of Inspection	
5.3.a. Appearance	
5.3.b. Measurements	
5.4. Garment Packaging	
Flow Chart of Garment Packaging	
Unit 6: Quality Control	4 hrs
6.1. Fabric Inspection	
6.2. Cut Part Inspection	
6.3. In Process Sewing Quality Inspection	
6.4. Auditing	
6.4.a. Introductory Audit(INPRO)	
6.4.b. During Production Audit (DUPRO)	
6.4.c. Final Random Inspection(FRI)	
6.5. Packing	

Unit 7: The Garment Costing: **2 hrs**
• Process of costing

Unit 8: Application and Generalization of Garment Construction to varied Fabrics and designs **2 hrs**

Practical

Unit 1: Prepare a file of different types of Garment Accessories and its uses **22 hrs**

- 1.1. Labels and Motifs
- 1.2. Linings
- 1.3. Interlinings
- 1.4. Waddings
- 1.5. Lace, Braid and Elastic
- 1.6. Seam Binding and Tape
- 1.7. Shoulder Pads
- 1.8. Fasteners
 - 1.8.a. Closure Basics
 - 1.8.b. Hooks and Eyes
 - 1.8.c. Crocheted Chain
 - 1.8.d. Snaps
 - 1.8.e. Hooks and Loops Fasteners
 - 1.8.f. Self-Gripping Fasteners
 - 1.8.g. Decorative Fasteners

Unit 2: Design and estimate the costing of a Shirt.
(Application and Generalization of any Garment Construction with Fabric, design and costing) **30 hrs**

Unit 3: Factory Visit **8 hrs**

Reference Books

- Carr Harold and Latham Barbara, *The Technology of Clothing Manufacturing*, Blackwell Science Ltd., Oxford, England
- Rajkishor Nayak and Rajiv Padhey, *Garment Manufacturing Technology*, 28th May 2015, Woodhead Publication.
- Rajendra Singh (2016), *Introduction to Garment Technology*,
- <http://autogarment.com/list-of-fabric-cutting-tools-for-apparel-factory/>
- <http://textilelearner.blogspot.com/2015/07/alternative-methods-of-fabric-joining.html>

Elements of Fashion Design II

YEAR: I
PART: II
SEMESTER: II

Total: 8 hrs/w
Theory: 2hr/w
Practical: 6 hrs/w

COURSE DESCRIPTION

This course is an overview of basic and comprehensive knowledge of male fashion figure, coloring, important design details and different types of garments.

COURSE OBJECTIVES

After completion of this program, the students will be able:

1. To learn various design details in clothing.
2. To innovative designs combining various design details in dresses.
3. To draw male fashion figure with proportion and coloring techniques in different mediums.

COURSE CONTENTS

THEORY

Unit 1: Study of Garment Details and Accessories

8 hrs

1.1 Fasteners

a) Drawstring

Definition

Uses

b) Lacing

Definition

Uses

c) Zips

Definition

Uses

d) Buttons

Definition

Uses

e) Velcro

Definition

Uses

1.2 Gathers

Definition

Uses

1.3 Frills

Definition

Uses

1.4 Flounce

Definition

Uses

1.5 Quilting

Definition

Uses

1.6 Braid

Definition

Uses

1.7 Lace

Definition

Uses

1.8 Smocking

Definition

Uses

Unit 2: Study of different parts of Garment

12 hrs

3.1 Neckline

4 hrs

a) Definition

b) Types

- Round Neckline
- V-Shaped Neckline
- U-Shaped Neckline
- Square Neckline
- Off-Shoulder Neckline
- Halter Neckline
- Cowl Neckline
- Jewel Neckline
- Crew Neckline
- Key-hole Neckline
- Glass-Shaped Neckline
- Sweetheart Neckline
- Boat Neckline
- Decollete Neckline
- One-shoulder Neckline
- Asymmetrical Neckline
- Plunging Neckline

3.2 Collar

4 hrs

a) Definition

b) Parts

- Stand
- Fall
- Lapel
- Break line
- Style line

c) Basic Styles

- Flat
- Roll
- Stand

d) Types

- Peter Pan collar
- Sailor Collar
- Shawl Collar
- Chinese Collar
- Shirt Collar
- Turtle Collar
- Stand Collar
- Wing Collar
- Ruffle Collar
- Jabot Collar
- Tuxedo Collar
- Ascot Collar

3.3 Sleeve

4 hrs

a) Definition

b) Basic Styles

- Set-in Sleeve
- Non-Set-in Sleeve (Kimono)
- Raglan Sleeve

c) Types

- Plain Sleeve
- Cap Sleeve
- Tulip Sleeve
- Puff Sleeve
- Umbrella Sleeve
- Lantern Sleeve
- Cowl Sleeve
- Bell Sleeve
- Shirt Sleeve
- Raglan Sleeve
- Leg of Mutton Sleeve
- Kimono Sleeve

Unit 3: Study of different types of Garment

10 hrs

3.1 Top

2 hrs

- a) Definition
- b) Types
 - Princess Top
 - Normal Fitted Top
 - Camisole Top
 - Tank Top
 - Corset Top
 - Tube Top
 - Strapless Top
 - Peasant Top

3.2 Skirt

4 hrs

- a) Definition
- b) Basic Shapes
 - Straight
 - Flared
 - Pleated
 - Pegged
 - Circular
 - A-line
- c) Length of skirt
 - Micro-mini Length
 - Mini Length
 - Just above the knee
 - Just below the knee
 - Calf/Middle Length
 - Ankle Length
 - Full Length
- d) Types
 - Straight Skirt
 - Pegged Skirt
 - Flared Skirt
 - Pleated Skirt
 - CircularSkirt
 - A-line Skirt
 - Wrap over Skirt
 - Hobble Skirt
 - Tiered/Layered Skirt
 - Handkerchief Skirt
 - Balloon Skirt
 - Fish-tail Skirt

- Godet Skirt
- Peplum Skirt
- Gored Skirt
- Cowl Skirt
- Tulip Skirt

3.3 Pant

2 hrs

- a) Definition
- b) Length of Pant
 - Shorts
 - Jamaica
 - Bermudas
 - Capris
 - Ankle length
 - Full length
 - Ski Pants
- c) Types
 - Bell Bottom Pant
 - Baggy Pant
 - Harem Pant
 - Pegged Pant
 - Culottes
 - Jeans Pant
 - Cowl Pant
 - Jodhpur Pant
 - Drawstring Pant
 - Overalls/Dungarees

3.4 Coat

2 hrs

- a) Definition
- b) Types
 - A-line Coat
 - Tail Coat
 - Trench Coat
 - Frock Coat
 - Cut-away Coat
 - Double Breasted Coat
 - Duffle Coat
 - Tuxedo Coat

PRACTICAL

Unit 1: Male Figure

1.1 Draw Male Fashion Block Figure	2hrs
1.2 Draw Flesh Figure Out Of Block Figure	4hrs
a) Drawn Front View	
b) Draw Back View	
1.3 Draw two Stick Figures	2hrs
1.4 Develop six different Poses From Stick Figures	10hrs
1.5 Apply Pencil Color Shading on Male Figure	4hrs
1.6 Apply Poster Color Shading on Male Figure	6hrs

Unit 2: Draw Garment Details and Accessories

2.1.Fasteners	6hrs
a) Drawstring	
b) Lacing	
c) Zips	
d) Buttons	
e) Velcro	
2.2.Gathers	2hrs
2.3.Frills	2hrs
2.4.Flounce	2hrs
2.5.Quilting	2hrs
2.6.Braid	2hrs
2.7.Lace	2hrs
2.8.Smocking	2hrs

Unit 3: Draw different parts of garment

3.1 Neckline	
a) Draw Types of Neckline	4hrs
• Round Neckline	
• V-Shaped Neckline	
• U-Shaped Neckline	
• Square Neckline	
• Off-Shoulder Neckline	
• Halter Neckline	
• Cowl Neckline	
• Jewel Neckline	
• Crew Neckline	
• Key-hole Neckline	

- Glass-Shaped Neckline
- Sweetheart Neckline
- Boat Neckline
- Decollete Neckline
- One shoulder Neckline
- Asymmetrical Neckline
- Plunging

b) Apply pencil color shading in types of neckline **2hrs**

3.2 Collar

a) Draw Parts of Collar **4hrs**

- Stand
- Fall
- Lapel
- Break line
- Style line

b) Draw Basic Styles of Collar

- Flat
- Roll
- Stand

c) Draw Types of Collar

- Peter Pan Collar
- Sailor Collar
- Shawl Collar
- Chinese Collar
- Shirt Collar
- Turtle Collar
- Stand Collar
- Wing Collar
- Ruffle Collar
- Jabot Collar
- Tuxedo Collar
- Ascot Collar

d) Apply pencil color shading in types of collar **2hrs**

3.3 Sleeve

a) Draw Basic Styles of Sleeve **4hrs**

- Set-in Sleeve
- Non-Set-in Sleeve (Kimono)
- Raglan Sleeve

- b) Draw Types of Sleeve
 - Plain Sleeve
 - Cap Sleeve
 - Tulip Sleeve
 - Puff Sleeve
 - Umbrella Sleeve
 - Lantern Sleeve
 - Cowl Sleeve
 - Bell Sleeve
 - Shirt Sleeve
 - Raglan Sleeve
 - Leg of Mutton Sleeve
 - Kimono Sleeve
- c) Apply pencil color shading in types of Sleeve **2hrs**

Unit 4: Draw different types of Garment

4.1 Tops

- a) Draw Types of Top **4hrs**
 - Princess Top
 - Normal Fitted Top
 - Camisole Top
 - Tank Top
 - Corset Top
 - Tube Top
 - Strapless Top
 - Peasant Top
- b) Apply pencil color shading in types of Top **2hrs**

4.2 Skirt

- a) Draw Basic Shapes of Skirt **4hrs**
 - Straight
 - Flared
 - Pleated
 - Pegged
 - Circular
 - A-line
- b) Draw Length of skirt
 - Micro-mini Length
 - Mini Length
 - Just above the knee
 - Just below the knee

- Calf/Middle Length
 - Ankle Length
 - Full Length
- c) Draw Types of Skirt
- Straight Skirt
 - Pegged Skirt
 - Flared Skirt
 - Pleated Skirt
 - Circular Skirt
 - A-line Skirt
 - Wrap over Skirt
 - Hobble Skirt
 - Tiered/Layered Skirt
 - Handkerchief Skirt
 - Balloon Skirt
 - Fish-tail Skirt
 - Godet Skirt
 - Peplum Skirt
 - Gored Skirt
 - Cowl Skirt
 - Tulip Skirt
- d) Apply pencil color shading in types of Skirt **2hrs**

4.3 Pant

- a) Draw Length of Pant **4hrs**
- Shorts
 - Jamaica
 - Bermudas
 - Capris
 - Ankle length
 - Full length
 - Ski Pants

- b) Draw Types of Pant
 - Bell Bottom Pant
 - Baggy Pant
 - Harem Pant
 - Pegged Pant
 - Culottes
 - Jeans
 - Cowl
 - Jodhpur
 - Drawstring
 - Overalls/Dungarees
- c) Apply pencil color shading in types of Pant **2hrs**

4.4 Coat

- a) Draw types of coat **4hrs**
 - A-line Coat
 - Tail Coat
 - Trench Coat
 - Frock Coat
 - Cut-away Coat
 - Double Breasted Coat
 - Duffle Coat
 - Tuxedo Coat
- b) Apply pencil color shading in types of coat **2hrs**

References

1. MaiteLafuente, Javier Navarro(2007), *Fashion source technical design, Page One Publishing Pvt. Ltd., Singapore/ Mao Mao Publications*
2. Sharon Lee Tate (2004), *Inside fashion design, fifth edition, Pearson Education Singapore Pvt. Ltd.*
3. ElisabettaDrudi, TizianaPaci (2001), *Figure drawing for fashion design, the Pepin press, Amsterdam and Singapore*
4. Elisabetta 'Kukky'Drudi, TizianaPaci (2011),*Figure drawing for men's fashion, The Pepin press, Amsterdam and Singapore*
5. Patrick John Ireland (1996), *Fashion design illustration: men, B.T.Bastford ltd., London*

Websites

www.wikipedia.org
www.instyle.com

Year: II

Part: I

Semester: III

Subjects:

1. Principles of Economics
2. Business Study
3. Textile Science II
4. Textile Design I
5. Clothing construction I
6. Apparel Designing

Principles of Economics

Year: II
Part: I
Semester: III

Total: 6 hrs/w
Theory: 6 hrs/w
Practical: 0 hrs/w

Course Description

Economics is a systematic study of society in relation to its available economic resources and their utilizing forces for better livelihood pattern and national prosperity. This course of study is designed to familiarize students with basic concepts and theories of Economics and the working pattern of economic systems to facilitate them to prominence in entrepreneurship development.

Course Objectives

The objective of the course is to familiarize foundations of Economics, principles, laws and functions. It focuses on

- a. Acquaint demand and supply functions, production and its factors and their pricing
- b. Familiarise cost and revenue curves, their role in product pricing
- c. Acquaint different economic systems, market economy, money and banking and public finance.

Course Contents

Unit 1: Introduction 5 hrs

- 1.1 Definition of Economics: Adam Smith, Alfred Marshall, Lionel Robbins and P Samuelson
- 1.2 Subject matter of Economics
- 1.3 Concept of Micro and Macro Economics
- 1.4 Concept of Utility, Human Wants and its Characteristics

Unit 2: Basic Economic Laws and Elasticity 15 hrs

- 2.1. Law of Diminishing Marginal Utility
- 2.2. Law of Substitution
- 2.3. Consumer's Surplus—Concept and importance
- 2.4. Law of Demand—Derivation, Movement and shift in Demand Curves
- 2.5. Law of Supply—Derivation, Movement and shift in Supply Curves
- 2.6. Elasticity of Demand—Concept and Types: Price, income & cross elasticity; Degrees and Measurement of Elasticity (Total outlay method only)

Unit 3: Factors of Production 8 hrs

- 3.1. Land-Concept and Characteristics
- 3.2. Labour-Concept and Characteristics; Division and Efficiency of Labour
- 3.3. Capital-Concept, Characteristics and Capital formation process

3.4.	Organization-Forms and Characteristics of Sole owner, Partnership & Joint Stock Company	
3.5.	Entrepreneur-Concept & Characteristics, Qualities of a successful C.E O	
Unit 4: Theory of Production		10 hrs
4.1.	Concept of Production function (short and long run)	
4.2.	Concept of Total, Average & Marginal Products and their derivations	
4.3.	Concept of Law of Variable Proportion	
4.4.	Concept of Returns to Scale	
Unit 5: Revenue and Cost Curves		10 hrs
5.1.	Concept of Total, Average & Marginal Revenue and their Derivations	
5.2.	Concept of Fixed, Variable and Total cost	
5.3.	Derivation of Total, Average & Marginal cost curves	
5.4.	Concept of Short and along Run costs and their Derivations	
Unit 6: Theory of Price and Output Determination		15 hrs
5.1	Equilibrium of Firm (MR—MC approach)	
5.2	Concept, Features and price and output determination under Perfect Competition	
5.3	Concept, Features and price and output determination under Monopoly	
5.4	Concept, Features and price and output determination under Imperfect competition	
Unit 7: Theory of Factor Pricing		9 hrs
7.1.	Rent-Concept, Economic and Contract rent; Rent seeking behaviour	
7.2.	Wage-Concept, Money and Real wages, Minimum wage fixation & competitive wage	
7.3.	Interest-Concept, Gross and net interest, Modern Theory of Interest	
7.4.	Profit-Concept, Gross and net Profit, Risk & uncertainty theory of Profit	
7.5.	Concept of Corporate Social Responsibility	
Unit 8: Money and Banking		10 hrs
1.1	Meaning, Functions and Forms of Money	
1.2	Concept of value of Money, Inflation and Deflation	
1.3	Bank and Banking system and its role in Economy	
1.4	Central Bank and its Functions	
1.5	Commercial Banking—kinds, Functions and importance	
1.6	Cooperatives, Micro-Credits and Finance Corporations with special reference to Nepal	

- Unit 9: Government Finance** **5 hrs**
- 9.1 Concept, Characteristics and Importance of Government (Public) Finance
- 9.2 Functions of Modern Government and Expenditure Heads (development emphasized)
- 9.3 Government Revenue: Sources (Tax, Non-Tax & Borrowing, etc);
- 9.4 Direct and Indirect Tax—Concept and Characteristics; A good tax system—definition and characteristics
- 9.5 Government Budget, Fiscal and Monetary Policy
- Unit 10: Basic Economic Issues** **4 hrs**
- 10.1 Scarcity, Choices and Allocation of Resources
- 10.2 Development—Concept; Characteristics of Developing Economies with special reference to Nepal; Development Planning in Nepal with reference to Current, Plan Role of Entrepreneurs in development process
- Unit 11: Economic Systems** **4 hrs**
- 11.1 Concept and Characteristics of Capitalist, Socialist and Mixed Economies
- 11.2 Nature and Role of Entrepreneurs in each Economy
- Unit 12: Market Economy and Business Enterprises** **5 hrs**
- 12.1 Concept of Business cycle and Market Fluctuations
- 12.2 Aggregate Demand and Aggregate Supply and state policy
- 12.3 Enterprising in Market Complicacies: Competition, Coordination & Integration

References

- 1) Lipsey, R. G. and Chrystal, K A (2005) *Principles of Economics*, Oxford University Press, London-Delhi-Tokyo
- 2) Sloman, John, (2003) *Economics*, Prentice Hall India, EEE series, New Delhi
- 3) Todaro, M P (2010) *Development Economics*
- 4) Kandel, N., Khadka, K., et al (2012) *Textbook on Principles of Economics*, Buddha Publications, Kathmandu
- 5) Dangal, Dilnath, *Arthasastra ko Siddhanta*
- 6) Sharma, Nilam Kumar, *Arthasastra ko Siddhanta*
- 7) Joshi, M M and Pande, Kiran B. (2010) *Sarbajanik Vitta, Vittiya Pranali ra Antarrastriya Byapar*, Sukunda Publication, Kathmandu

Business Study

Year: II
Part: I
Semester: III

Total: 5 hrs/w
Theory: 5 hrs/w
Practical: 0 hrs/w

Course Description

Modern business organizations are dynamic institutions. Proper understanding of such institutions requires formal study and instruction. To get exposed to the realities of the business world, the business students need to be acquainted with the operations of business along with the office management systems. In view of this, this course is designed to introduce the students with the foundational knowledge regarding the principles and practices of business organizations. The course also aims to develop necessary skills that are needed to carry out major office activities including familiar business support agencies in Nepal. This is a theoretical course which consists of seven units.

Course Objectives

I. General objectives

The general objectives of this course are to:

- a. Provide foundational knowledge on the principles and practices of business organizations;
- b. Provide basic knowledge on operational aspects of business organizations.
- c. Develop students' necessary skills in carrying the business office works effectively.

II. Specific objectives

The specific objectives of this course are to:

- a. Arouse interests in the students in learning the theory and practices of business;
- b. Familiarize the students on the practice of business organizations;
- c. Introduce the students with office management focused on major office systems; and
- d. Empower the students through useful methods and techniques so as to enable them to take-up the operations of small business, effectively.

Course Contents

Unit 1: Introduction of Business

5 hrs

- 1.1. Concept of business
- 1.2. Characteristics of business
- 1.3. Components of business
- 1.4. Functions and objectives of business
- 1.5. Importance of Business
- 1.6. Social responsibilities of business (Investors, Consumers, Employees, Community and Government)

Unit 2: Evolution and Foundation of Business	5 hrs
2.1. Evolution of business	
2.2. Considerations before starting a new business	
2.3. Requisites of business success	
2.4. Business environment: Concept and Components (Internal and External)	
Unit 3: Forms of Business Organizations	
3.1. Sole Trading Concern	5 hrs
• Concept of sole trading concern	
• Characteristics of sole trading concern	
• Merits and demerits of sole trading Concern	
• Registration and renewal of Sole trading concern in Nepal	
3.2. Partnership Firm	10 hrs
• Concept of partnership firm and partners	
• Characteristics of partnership firm	
• Difference between Sole trading and partnership	
• Merits and demerits of partnership firm	
• Types of Partners	
• Rights and duties of partners	
• Partnership deed: meaning and contents	
• Registration and renewal of partnership firm in Nepal.	
• Dissolution of partnership firm in Nepal	
3.3. Joint Stock Company	20 hrs
• Concept of joint stock company	
• Characteristics of joint stock company	
• Merits and demerits of joint stock company	
• Types of company	
• Differenceiation between private and pubic limited company	
• Main documents for the incorporation of Joint Stock Company: Memorandum of Association, Articles of Association and Prospectus	
• Incorporation of joint stock Company in Nepal	
• Company meeting; Preliminary General Meeting, Annual General Meeting and Extra- Ordinary General Meeting	
• Agenda and resolution	
• Winding-up of Joint Stock Company	
Unit 4: Office Management	10 hrs
4.1. Concept of an office	
4.2. Functions of an office	
4.3. Importance of office	
4.4. Concept of office management	
4.5. Importance of office management	
4.6. Office accommodation and layout	

Unit 5: Filing and Indexing **15 hrs**

- 5.1. Concept and purpose of filing
- 5.2. Importance of filing
- 5.3. Types of filing system: traditional and modern
- 5.4. Bases of classification of files: Alphabetical, Numerical, Geographical, Chronological and Subject wise.
- 5.5. Qualities of good filing system
- 5.6. Concept and purpose of indexing
- 5.7. Types of indexing
- 5.8. Qualities of good indexing

Unit 6: Records Management **5 hrs**

- 6.1. Concept of records management
- 6.2. Importance of records management
- 6.3. Types of records
- 6.4. Principles of records management
- 6.5. Retention and disposal of records

Unit 7: Business Communication **15 hrs**

- 7.1. Concept of business communication
- 7.2. Importance of communication
- 7.3. Sources of office information: Internal and External
- 7.4. Types and means of communication
- 7.5. Meaning of business letters
- 7.6. Structure of business letter
- 7.7. Qualities of good business letter
- 7.8. Drafting of business letters in English: enquiry, order, and complaint and application letters.

Reference Books:

1. K.C., Fatta Bahadur (2008), *Introduction to Business Studies*, Kathmandu: Vidhyarthi Pustak Bhandar.
2. Shrestha, Bisheswor Man (2007), *Business Organization and Office Management*, Kathmandu: Global Education Bhotahity.
3. Pant, Prem R., et.al. (2007), *Business Organization and Office Management*, Kathmandu: Buddha Academic Publishers and Distributors Pvt. Ltd.
4. Poudyal, Santosh R., et.al. (2008), *Business Organization and Office Management*, Kathmandu: Asmita Publication.
5. Agrawal, GR (2007), *Business Organization and Office Management*, Kathmandu: M.K. Publishers and Distributors.
6. Pokharel, Bihari and Gautam, Dhruva (2004), *Business Organization and Office Management*, Kathmandu: Atharai Publication

Textile Science II

Year: II
Part: I
Semester: III

Total: 5 hrs/w
Theory: 2 hrs/w
Practical: 3 hrs/w

Course Description

The course is designed to provide basic knowledge on Dyeing and Printing of textile materials. It provides the comprehensive knowledge on different types of dyeing and printing techniques.

Course Objectives

After completion of this programme, the students will be able:

- To identify various types of dyeing and printing processes.
- To acquire skill about the finishing of textile materials.

Course Contents

	Theory	
Unit 1: Dyeing		14 hrs
1.1. Introduction		
1.2. Flow chart,		
1.3. Preparatory processes		
1.4.1 Desizing,		
1.4.2 Scouring,		
1.4.3 Bleaching,		
1.4.4 Singeing,		
1.4.5 Mercerizing		
1.4. Dyeing auxiliaries		
1.5. Dyeing process		
Unit 2: Printing:		10 hrs
2.1. Introduction		
2.2. Flow chart		
2.3. Different auxiliaries used in printing		
2.4. Techniques of printing:		
2.4.1 Block printing		
2.4.2 Screen-printing		
2.4.3 Roller printing		
Unit 3: Textile Finishing:		6 hrs
3.1 Introduction		
3.2 Finishing processes		
Mechanical Finishing		
Chemical Finishing		

Practical

- | | |
|---|--------|
| a. Perform five different fabric dyeing (Cotton, wool, silk, pashmina, Jute/Hemp) | 30 hrs |
| b. Perform different types of Printing(block, screen, transfer, stencil) | 15 hrs |
| c. Visit at least 2 factories during entire semester | 15 hrs |

Reference Book:

- *Prof. Senai V.A.: Technology of Textile Processing Vol. I (Technology of Printing) Sevak Publications, Mumbai (1995)*
- *Booth J.E. : Principles of Textile Testing : Newnes-Butterworths, London (1976)*

Textile Design I

Year: II
Part: I
Semester: III

Full Mark: 100
Total: 8 hrs/w
Theory: 2 hrs/w
Practical: 6 hrs/w

Course Description

The course is designed to provide basic knowledge on Free-Hand sketching of motives essential for Textile Design. It provides the comprehensive knowledge on colour theory and helps develop the skill on selection of colour according to the theme, design or plain and print. It further creates the skills to develop the theme with just one motif or motives (composition) to support textile or apparel Design which can be prepared as Various Print design, Embroidery design, knit design, appliqué work, accessories or any textile such as curtains, bed sheets, table cloths etc.

Course Objectives

After completion of this programme, the students will be able:

- To gain knowledge in Free hand sketching.
- To identify and select colours in Plain composition.
- To differentiate Prints and Designs.
- To prepare Textile designs required for Fashion Design.
- To gain knowledge about latest technology in textile design and print.

Course Contents

	Theory	
Unit 1: Textile Design		2 hrs
1.1 Introduction to Textile		
1.2 Uses and application of Textile		
1.3 Introduction to Textile Design		
1.4 Importance of textile design		
1.5 Relation between textile design and Fashion Design.		
Unit 2: Basic Components of Drawing		6 hrs
1.1 Introduction		
1.2 Shape		
1.3 Proportion		
1.4 Dimension		
1.5 Theme		
1.6 Motif		
1.7 Drawing tools and sheet		
(4B, 2B, HB, 2H, pencil, long scale, short scale, eraser, sharpener, sketch book, sheet A3 size: 297mm x 420mm (11.7in x 16.5in), colour palette, poster colour, brushes).		
1.8 Nature life		
1.9 Still life		

Unit 3: Basic Design	6 hrs
3.1 Introduction	
3.2 Lines and Dots (thick , thin, straight , curve, scrolly, semi circle , circle, dot)	
3.3 Grafitee	
3.4 Placement	
• Introduction	
• Types of placement	
a. L shape,	
b. diagonal,	
c. random,	
d. check,	
e. alternate,	
f. horizontal,	
g. verticle,	
h. centre	
Unit 4: Colour	5 hr
4.1 Definition	
4.2 Prism and rainbow colours	
4.3 Primary colours	
4.4 Secondary colours	
4.5 Tertiary Colours	
4.6 Complementary colours	
4.7 Split Complementary colours	
4.8 Double Split Complementary colours	
4.9 Colour Wheel	
Unit 5: Design Idea	2 hrs
5.1 Centre Line design	
5.2 Double fold Design	
5.3 Four fold Design	
Unit 6: Textile print	5 hrs
6.1 Introduction of print	
6.2 Print Repeats	
6.3 Types of Prints	
a. Floral	
b. Geometrical	
c. Abstract	
d. Ethnic	
e. Conversational	
f. Art movement and period style	

Unit 7: Texture**4 hrs**

7.1 Introduction

7.2 Different weave texture

1. satin weave,
2. plain weave,
3. twill weave,
4. honeycomb weave,
5. corduroy weave,
6. Tweeds
7. Thick and thin yarn weave

7.3 Knit

7.4 Fleece

6.5 Fur

6.6 Velvet

6.7 Embossed effect

6.8 Embroidery effect

Practical**Unit 1: Nature study****14 hrs**

1.1 Draw any 5 fruits

Medium = pencil out line

Size = Vary according to shape and proportion

1.2 Draw any 5 Vegetables

Medium = pencil out line

Size = Vary according to shape and proportion

1.3 Draw any 5 insects

Medium = pencil out line

Size = Vary according to shape and proportion

1.4 Draw any 5 flowers/plants

Medium = pencil out line

Size = Vary according to shape and proportion

1.5 Make a composition by selecting any 5 fruits and vegetables from above.

Medium = poster colour.

Size = 10x10"

1.6 Make a composition by selecting any insects and flowers from above.

Medium = pencil shading. (Different shade of "H" and "B")

Size 10x10"

Unit 2: Still Life

14 hrs

2. 1. Put the vase on the table or desk.
Draw exact.
Medium=Pencil drawing and shadings
Size =free size
- 2.2. Draw any 5 different types of still life from surrounding.
Medium= Pencil drawing and shading
Size 8"x8"
- 2.3. Make Border Design selecting one motif from above still life.
Medium= poster colour
Size= 4" height. 10" length

Unit 3: Colours

20hrs

3. 1. Apply Poster Colour "Flat" on sheet
- 3.2. Apply Pencil Colour "Flat" and "shading" on sheet
- 3.3. Apply Water Colour "Flat" on sheet
- 3.4. Apply Primary colour in 3 triangle shape with in triangle.
Medium = poster colour
Size= 6"x6"
3. 5. Apply Secondary colour in any shapes
Medium = poster colour
Size= 6"x6"
- 3.6. Apply tertiary colours in any shapes
Medium = poster colour
Size= 6"x6"
3. 7. Apply complementary colours in any shapes
Medium = poster colour
Size= 6"x6"
- 3.8. Apply Split complementary colours in any one shape
Medium = poster colour
Size= 6"x6"
3. 9. Apply Double split complementary colours in any one shape
Medium = poster colour
Size= 6"x6"
- 3.10. Prepare the colourwheel and apply colour
Medium = poster colour
Size= 1" width in each circle.

Unit 4: Basic Design

12hrs

4. 1 Make 4 different design by using
 - Motif= various lines.
 - Each size =4x4",
 - Medium= poster colour,
 - Colour scheme= complementary colours.

- 4.2 Make 4 different designs using different types of dots
- Each size 4x4,
 - Medium = poster colour.
 - Colour scheme- split complementary colour
- 4.3. Make a design using Lines as a background and dots as main centre designs or vice versa.
- Size= 10x10",
 - Medium= poster colour.
 - Colour scheme= tertiary colours in background, primary colours in foreground

Unit 5: Prints and Texture

30 hrs

5.1 Prepare TextureFile

- Collect the 15 fabrics with different texture of size 5"x5"
- Paste it on the sheet and mention
- Name/design,
- Composition,
- Types of design used in,
- Weave/knit description,
- Colour option.

5.2 Prepare print patterns.

- a. Make 9 different patterns by using geometrical shapes and line
- Size 2x2" each.
 - Total box size 6x6"
 - Colour =Dull colours
 - Medium Poster colour

5.3 Make fourfold design by using one best geometrical pattern from above

Size= 4x4"

Medium= Poster colour

Colour= bright colours

5.4. Design Central line design in a circular shape.

Make a repeat,

Colour= double split complementary colour.

5.5 Design a Napkin using double fold design.

Use curve lines, scrolly and dots.

Size 8x8".

Colour scheme - complementary colours.

5.6 Design the children Bed sheet using nursery print.

Size 6x10".

Colour= pastel tone of split complimentary colours.

5.7 Design cushion cover using Grafitee print,

size 8x8"

colour scheme- secondary colour,

medium- poster colour

- 5.8 Trace exact graffiti design in a piece of fabric,
Medium fabric colour.
Size as requirement for cushion
5. 9 Design Table cloth using Mithila Art (Ethnic).
Size 6x8",
Any 4 colours -pick from primary colours and secondary colours only.
Medium = poster colour
5. 10 Design a fabric for summer dress using floral print.
Make layout design of summer dress with print within.

References

1. Sarahe.Braddock, Marie O'mahony, 1998, Techno textiles Revolutionary fabric for fashion Design.
2. W.A Hanton, 1960, Mechanics for Textile Students.
3. Richard Chettiar, Dec 2000, Textile Nation (Magezine) 4.4. MarrieO' Mahonyand Sarahe.Braddock, 2010, Textile and new Technology.
5. John Gillow and Bryan Sentence, 1999. A visual guide to traditional techniques
6. Susan Meller/ Joost Elffers, 1991 Textile Designs

Clothing Construction I

Year: II
Part: I
Semester: III

Total: 8 hrs/w
Theory: 2 hrs/w
Practical: 6 hrs/w

Course Description:

The course is designed to provide students with basic skills and knowledge about the construction of children wear (CW) that supports to produce technically skilled human resource.

Course Objectives:

After the completion of this course the students will be able to:

- Gain the technical skill and knowledge on drafting and pattern making of Children's wear.
- Construct and give final finishing to Children's wear.
- Develop the designs of Children's wear.

Course Contents:

	Theory	
Unit 1: Drafting and paper pattern		6hrs
<ul style="list-style-type: none">• Basic concept• Taking body measurement.• Importance• Tools and equipment• Drafting symbols		
Unit 2: Drafting and paper pattern Construction		
Sub unit: 2.1: Nepali traditional baby set:		8 hrs
(Bib and Feeder, Kane Topi and Pasne Topi, Pete Bhoto, Bahule Bhoto, Baba Suruwal)		
<ul style="list-style-type: none">• Introduction,• Required body measurement• Design illustration• Patten cutting		
Sub Unit 2.2: Western baby Items: (Baby Frock, Jumper, Baby Suit, Sleeper)		8 hrs
<ul style="list-style-type: none">• Introduction• Required body measurement• Design illustration• Patterncutting		

Sub Unit 2.3: School uniform:**8 hrs**

Baby Half Pant, School Pant, School Shirt, School Tie

- Introduction
- Required body measurement
- Design illustration
- Pattern cutting

Practical

This part includes knowledge and skills of cutting, stitching and finishing of children's wears (national and international wears).

1. Take body measurement
2. Illustrate the design
3. Cut the pattern
4. Cut the fabric as per the pattern,
5. Stitch the cut piece and give the final finishing of:
 - a. **Baby items:** (Bib and feeder, Kane Topi, Pasne Topi, Pete Bhoto, Bahule Bhoto, Baba Suruwal) **25 hrs**
 - b. **Western baby set:** (Baby Frock, Jumper, Baby Suit, Sleeper) **25 hrs**
 - c. **Uniform:** (Baby Half Pant, School Pant, School Shirt, School Tie) **40 hrs**

Reference Books

1. *METRIC PATTERN CUTTING FOR CHILDREN'S WEAR*
From 2-14 years
By WINIFRED ALDRICH
Published by BSP PROFESSIONAL BOOKS
OXFORD LONDON EDINBURGH
BOSTON MELBOURNE, 1989 (AD)
2. *Pattern Making for Fashion Design*
Third Edition
By Helen Joseph – Armstrong
3. *Sunita Silae Shastra*
By Mrs. Suneeta Makeku
Published by Suneeta Silae Prashiskshan Kendra, Pulchowk, Lalitpur, 2066 (BS)

Apparel Designing

Year: II
Part: I
Semester: III

Total: 6 hrs/w
Theory: 2 hrs/w
Practical: 4 hrs/w

Course Description:

This course is designed to provide basic and comprehensive knowledge of apparel designing and fashion trend forecasting. Both combined theoretical and practical knowledge prepares students to meet the highest requirements of the fashion industry and articulate their own unique vision through the clothing they design and make. It also gives an insight into the interrelationship between fashion design, textile design, apparel production, retail environments and fashion trend forecasting analysis.

Course Objectives:

Upon completion of this course, students should be able:

- To explain different terms and terminology of fashion
- To apply design principles in developing original garment designs.
- To make designs using variety of research and techniques

Course content:

Theory

Unit 1: Apparel Design	2 hrs
<ul style="list-style-type: none">• Introduction to apparel design and apparel design industry• Influencing factors in apparel designing	
Unit 2: Fashion Forecast and Trend analysis	4 hrs
<ul style="list-style-type: none">• Introduction to fashion forecast• Introduction to fashion trend• Fashion trend business• Fashion seasons• Current fashion trends	
Unit 3: Fashion design categories	6 hrs
<ul style="list-style-type: none">• Women's fashion<ul style="list-style-type: none">○ Casual wear○ Formal wear○ Party wear○ Sports wear○ Night wear○ Traditional wear	

- **Men's fashion**
 - Casual wear
 - Formal wear
 - Party wear
 - Sports wear
 - Night wear
 - Traditional wear

- **Children's Fashion**
 - Casual wear
 - Formal wear
 - Party wear
 - Sports wear
 - Night wear
 - Traditional wear

Unit 4: Different types of prints and patterns used in fashion **2 hrs**

Unit 5: Optical illusion and its effects in clothing design **3 hrs**

- Introduction
- Illusion with lines: vertical lines, horizontal lines and diagonal lines
- Illusion with colors: dark colors, light colors, warm colors and cool colors
- Illusion with prints: small prints and large prints

Unit 6: Drawing from photographs **2 hrs**

- Developing new poses from photographs
- Observing and drawing different garment details at different angles

Unit 7: Designing garments for different figure types **4 hrs**

- Hour glass figure type
- Apple shaped figure type
- Pear shaped figure type
- Rectangle figure type
- Circle figure type
- Study of different types of silhouettes and their uses on different figure types

Unit 8: Fashion accessories **3 hrs**

- Introduction
- Different types of fashion accessories
- Trends of fashion accessories

Unit 9: Designing a collection**4 hrs**

- Selecting a theme
- Making Mood board and Story board
- Illustration of designs and details/Layout and presentation

Practical:**Unit 1: Apparel Designing:****24 hrs**

- Apparel designing on figure:
 - Design Casual wear (Male and female)
 - Design Formal wear (Male and female)
 - Design Party wear (Male and female)
 - Design Sportswear (Male and female)
 - Design Night wear (Male and female)
 - Design Traditional wear (Male and female)
- Apparel designing for children (Flat sketches):
 - Design Casual wear
 - Design Formal wear
 - Design Party wear
 - Design Sports wear
 - Design Night wear
 - Design Traditional wear

Unit 2: Draw different types of prints and patterns used in fashion**6 hrs**

- Floral print
- Animal print
- Nursery print
- Abstract print
- Ethnic print
- Camouflage print
- Geometrical print
- Mythological print
- Polka dots
- Stripes
- Checks and plaids

Unit 3: Optical illusion and its effects in clothing design**8 hrs**

- Show illusion with lines on garments: vertical lines, horizontal lines and diagonal lines
- Show illusion with prints on garments: small prints and large prints
- Show illusion with colors on garments: dark colors, light colors, warm colors and cool colors

- Unit 4: Drawing from photographs** **6 hrs**
- Develop new poses from photographs (Male and female)
 - Observe and draw different garment details at different angles (Male and female)
- Unit 5: Designing garments for different figure types** **6 hrs**
- Draw different types of silhouettes
 - Design garments for the following figure types by using appropriate silhouettes:
 - Apple shaped figure type
 - Pear shaped figure type
 - Rectangle figure type
 - Circle figure type
- Unit 6: Fashion accessories** **4 hrs**
- Draw different types of fashion accessories
- Unit 7: Design a collection based on the chosen theme** **6 hrs**
- Make Mood board and Story board
 - Do layout and presentation of designs
 - PowerPoint presentation of the collection

References

1. Introduction to fashion design- Patrick John Ireland, BT Batsford Ltd, London
2. Figure drawing for fashion design- E. Drudi, Pepin Press Design Books
3. Fashion Design, Illustration: Men- Patrick John Ireland, BT Batsford Ltd, London
4. Figure drawing for men's fashion- Elisabetta 'Kuky' Drudi, Tiziana Paci
5. Fashion Design, Illustration: Children- Patrick John Ireland, BT Batsford Ltd, London
6. Fashion source poses, Page one
7. Fashion source technical design- Page one
8. Fashion design drawing super reference book- Zeshu Takamura
9. Fashion Illustration- The Fundamentals and Knacks
10. Colors for modern fashion (Drawing fashion with colored markers) - Nancy Riegelman, 9 Heads Media
11. Fashion trends (Styling summer)
12. Fashion trends (The styling book women's wear)
13. Fashion illustration basic techniques- Julian Seaman
14. Illustrating fashion- Kathryn McKelvey and Janine Munslow
15. Inside fashion design (Fifth edition)- Sharon Lee Tate, Pearson education
16. Apparel manufacturing (Sewn product analysis)- Ruth E. Glock, Grace L Kunnz, Pearson education
17. Fashion apparel accessories and home furnishings- Jay Diamond, Ellen Diamond
18. Fashion accessories (The complete 20th century source book)- John Peacock, Thames and Hudson

Year: II

Part: II

Semester: IV

Subjects:

1. Fundamental of Marketing
2. Hand Embroidery and Art
3. Textile design II
4. Clothing construction II
5. History of Fashion

Fundamental of Marketing

Year: II
Part: I
Semester: III

Total: 6 hrs/w
Theory: 4 hrs/w
Practical: 2 hrs/w

Course Description:

This course presents an overview of marketing - the business operations through which businesses connect a product or service to its user and maintain beneficial exchanges with target buyers.

Course Objectives

The course aims to provide the fundamental understanding of marketing and develop an ability to analyze marketing opportunities. It further deals in analyzing the marketing mix and taking business decisions with relevant marketing policies and strategies

Course Contents:

Unit 1: Introduction 7 hrs

- 1.1 Meaning, Evolution and Importance of Marketing
- 1.2 Concepts of Marketing: The Production Concept, The Product Concept, The Selling Concept The Marketing Concept, The Societal Marketing Concept&The Holistic Marketing Concept
- 1.3 Marketing Mix: Concept, Components and Importance

Unit 2: Components of Marketing 9 hrs

- 2.1 Concepts of Market & Types of Markets
- 2.2 Characteristics of the Nepalese Market
- 2.3 Customers: Institutional Customers & Non Institutional Customers (Consumers)
- 2.4 Buying Motives: Institutional & Consumers
- 2.5 Buying Process: Institutional & Consumers
- 2.6 Factors affecting the buying decision process: Institutional & Consumers
- 2.7 Demand: Concept of Needs, Drive, Wants and Demands
- 2.8 The Marketing Process: Concept, Structure and Role of Key Players

Unit 3: Marketing Functions 4 hrs

- 3.1 Concept
- 3.2 Merchandizing Function:
 - Buying: Nature, Elements, Types & Methods
 - Selling: Nature & Elements
- 3.3 Physical Distribution Function:
 - Transportation: Functions & Features, Merits and Demerits of Modes of Transport, Factors affecting selection of Mode of Transport
 - Warehousing: Functions, Importance & Types
- 3.4 Facilitating Functions: Grading, Standardization, Financing, Risk bearing & Market Information

Unit 4: Marketing Environment	5 hrs
4.1 Meaning and Features of Marketing Environment	
4.2 Components of Marketing Environments: Internal and External	
4.3 Impacts of Marketing Environment on a Firm's Marketing Activities	
Unit 5: Products	9 hrs
5.1 Meaning and Concepts	
5.2 Classification of Products: Consumer & Industrial	
5.3 Branding: Meaning, Elements, Importance, Types, Reason for not branding & Qualities of good branding	
5.4 Packaging: Meaning, Functions, Importance, Types & Features of good packaging	
5.5 Labeling: Meaning, Types and Functions of Labels	
Unit 6: Pricing	5 hrs
6.1 Meaning & Types of Pricing	
6.2 Objectives and Importance of Pricing	
6.3 Discounts & Allowances	
6.4 Cost Concept & Types of Cost	
6.5 Factors Affecting Pricing: Internal & External	
Unit 7: Distribution	8 hrs
7.1 Meaning, Function, Objectives & Elements	
7.2 Channels of Distribution: Consumer & Industrial Products	
7.3 Channel Members: Consumer Goods & Industrial Goods	
7.4 Wholesaling & Retailing	
7.5 Large Organized Retail Stores	
Unit 8: Promotions	9 hrs
8.1 Meaning, Importance and Components	
8.2 Advertising: Meaning, Features, Importance & Types	
8.3 Personal Selling: Meaning & Importance, Types of Salesperson, Qualities of a good Salesperson	
8.4 Sales Promotion: Meaning and Process, Methods of Consumer Promotion and Trade Promotion	
8.5 Publicity & Public Relations: Meaning, Features and Importance	
Unit 9: Issues of Modern Marketing	4 hrs
9.1 Industrial marketing:- Meaning and features, prospects and problem of Industrial marketing in Nepal	
9.2 E-Commerce; - Concept and method of e-commerce, meaning and feature of internet marketing, use of internet	
9.3 Net work marketing; Concept and importance	
9.4 Telemarketing & Televised Marketing: Meaning, Features, Problems & Prospects	

PRACTICAL (MARKETING MIX PROJECT WORK)

1. Prepare a project report on the marketing mix (4 Ps) of an established company (related to fashion) **30 hrs**

Procedures:

- Choose an established company for an understanding and analysis of its existing marketing mix practices and strategies with reference to the 4 Ps of Product, Price, Place and Promotion.
- Gather first hand information/data from the company about its existing marketing mix practices and strategies and the challenges in implementing it through questionnaire, interview, observation, etc.
- Gather second hand information/data about the company's marketing mix from news, articles, publications, internet, etc.
- Gain an in-depth understanding of the company's existing marketing mix practices and strategies as well as the challenges in implementing them.
- Prepare a project report based on your collected information/data with recommendations to the company's existing marketing mix practices and strategies.

References:-

- *Sherlekar S.A (1996)*, Modern Marketing, Himalaya Publishing house, Mumbai
- *Kotler, Philip and Armstrong, Gary (2016)*, Principles of Marketing, Pearsons India Education, India
- *Shrestha Shyam*, Fundamental of Marketing (5th edition), Asmita Publication, Kathmandu, Nepal
- *Thapa Surendra*, Introduction to Marketing, Ratna Pustak Bhandar, Kathmandu, Nepal
- *Koirala, K.D (2014)*, Elementary Marketing, Buddha Academic Enterprises, Kathmandu, Nepal
- *K.C, Fatta Bahadur*, Introduction to Marketing, Sukunda Pustak Bhandar Kathmandu, Nepal

Hand Embroidery and Art

Year: II
Part: II
Semester: IV

Total: 7 hrs/w
Theory: 2 hrs
Practical: 5 hrs

Course Description

The course is designed to provide basic and comprehensive knowledge of Hand Embroidery which can be used on the garment or other utility items to enhance its value. It helps to develop the skill of different types of hand embroideries use on different items.

Course Objective

After completion of this programme, the student will be able

- a. To achieve the knowledge and skills of Hand Embroideries.
- b. To develop creative value of Hand Embroidery.
- c. To apply Hand Embroidery as additional way in different items.

Course contents

Theory

Unit 1: Hand Embroidery	4 hrs
1.1 Introduction	
1.2 Importance of Embroidery	
1.3 Material used for Embroidery and its importance	
Unit 2: Process and Uses of following hand embroiderie	18 hrs
2.1 Flat Stitches	
2.1.1 Running Stitch a. Double Running Stitch	
2.1.2 Back Stitch	
2.1.3 Stem Stitch	
2.1.4 Satin Stitch	
2.1.5 Fishbone Stitch	
2.1.6 Eyelet Stitch	
2.1.7 Sequins Work	
2.1.8 Bead Work	
2.1.9 Mirror work on blanket stitch	
2.1.10 Pekinese Stitch	
2.1.11 Chevron Stitch	

2.2 Looped and Knotted stitches

- 2.2.1 Chain Stitch
 - a. Double Chain Stitch
- 2.2.2 Lazy Daisy Stitch
- 2.2.3 Feather Stitch
- 2.2.4 Blanket Stitch
- 2.2.5 Fly stitch
- 2.2.6 French Knot
- 2.2.7 Bullion Knot
- 2.2.8 Coral Stitch

2.3 Couching and Filling Stitches

- 2.3.1 Star Filling Stitch
- 2.3.2 Ermine Filling Stitch
- 2.3.3 Sheaf Filling Stitch
- 2.3.4 Cloud Filling Stitch
- 2.3.5 Honeycomb Filling Stitch
- 2.3.6 Couched Work

Unit 3: Construction Process and Use of Patch and Cut work

2 hrs

Unit 4: Construction Process and Use of Flowers

6 hrs

- 4.1.1 Satin Ribbon
- 4.1.2 Organza Fabric
- 4.2 Making Process of Different Types of item by using hand embroidery.
 - 4.2.1 Table cloth
 - 4.2.2 Neckline design

Practical

Unit 1: Make a Motif of following flat Stitches

22 hrs

- 1.1 Running Stitch
 - a. Double Running Stitch
- 1.2 Back Stitch
- 1.3 Stem Stitch
- 1.4 Satin Stitch
- 1.5 Fishbone Stitch
- 1.6 Eyelet Stitch
- 1.7 Sequins Work
- 1.8 Bead Work
- 1.9 Mirror work on blanket stitch
- 1.10 Pekinese Stitch
- 1.11 Chevron Stitch

Unit 2: Make a Motif of following Looped and Knotted stitches	16 hrs
2.1 Chain Stitch	
a. Double Chain Stitch	
2.2 Lazy Daisy Stitch	
2.3 Feather Stitch	
2.2.4 Blanket Stitch	
2.2.5 Fly stitch	
2.2.6 French Knot	
2.2.7 Bullion Knot	
2.2.8 Coral Stitch	
Unit 3: Make a Motif of following Couching and Filling Stitches	12 hrs
2.3.1 Star Filling Stitch	
2.3.2 Ermine Filling Stitch	
2.3.3 Sheaf Filling Stitch	
2.3.4 Cloud Filling Stitch	
2.3.5 Honeycomb Filling Stitch	
2.3.6 Couched Work	
Unit 4: Make a Motif of Patch work and Cut work	4 hrs
Unit 5: Project work	21 hrs
5.1 Make different types of flowers	
5.1.1 Satin Ribbon	
5.1.2 Organza Fabric	
5.2 Make different Types of item by using above hand embroidery.	
5.2.1 Table cloth	
5.2.2 Neckline design	

Reference:

1. *105 Embroidery Stitches*
2. *Embroidery and Crazy Quilt, Stitch Tool*
3. *Elegant stitches*
4. *Doodle Stitching*
5. *Three Dimensional Embroidery stitches*

Textile Design II

Year: II
Part: II
Semester: IV

Total: 7 hrs/w
Theory: 2 hrs
Practical: 5 hrs

Course Description

The course is designed to provide basic knowledge on Free-Hand sketching of motives essential for Textile Design. It provides the comprehensive knowledge on colour theory and helps develop the skill and mastered on selection of colour. It further creates the skills to develop the theme with just one motif or motives (composition) to support textile or apparel Design which can be prepared as Various Print design, Embroidery design, knit design, appliqué work, accessories or any textile such as curtains, bed sheets, table cloths e.t.c

Course Objectives

After completion of this programme, the students will be able:

- Expertise in free hand sketching.
- Expertise in colour selection and application.
- Design the Textile Prints.
- Get updated with Textile design and prints.
- Perform hand painting and able to transform the design
- Gain knowledge and skill on Texture and Patterns

Course Contents

Unit 1: Drawing

4 hrs

- Introduction
- Introduction to Drawing tools and colour shading
- Shapes
- Composition
- Proportion
- Balance
- Inspiration
- Natural motifs
- Still life motifs

Unit 2: Basic Design

3 hrs

- Introduction to Design and design elements
 - Pencil shading
 - Poster colour shading
 - Water colour effects
 - Stippling

Unit 3: Design Idea

3 hrs

- Patterns and silhouette
 - Geometrical,
 - Floral ,
 - Abstract,
 - Symmetry,
 - Asymmetry
 - Polkas
 - Stripes
 - Checks
- Calligraphy

Unit 4: Colours

8 hrs

- Introduction
- Meaning and symbol of different colours
 - Red
 - yellow
 - blue
 - green
 - purple
 - orange
 - white
 - black
 - Pink
- Dull Colour/ Bright colours
- Polychromatic colours
- Positive and Negative colour
- Monochromatic Colours
- Achromatic colours

Unit 5: Print

9 hrs

- Introduction
- Importance of print in textile design
- Introduction to Hand print
- Characteristics of Hand Print
- Introduction to Machine Print
- Characteristics of Machine print
- Screen print and design
- Block print and design
- Hand Print and paints
- Stencil Printing
- Repeat
- Tie Dye

Unit 6: Texture File

3 hrs

- Brush Spray
- Leather
- Denim
- Leaf
- Dry Flower
- Tweed effect
- Thread Pulling
- Ink drop
- Ink Blow
- Embossed effect
- Rubber effect
- Thumb Print

Practical

Unit 1: Nature study

10 hrs

- Draw picture of any 5 mixed fruits
 - Make 3 different compositions in a correct proportion.
 - Medium= pencil shading
 - Size 3x3"
- Draw picture of any 5 mixed Vegetables with
 - Medium= pencil shading.
 - Make 3 different compositions in a correct proportion.
 - size 3x3"
- Make the check pattern selecting each one of the best composition of mixed fruits and Vegetables.
 - Place one composition (3x3") on four corner inside 9x9" box.
 - Place another composition on centre.
 - Colour the plain box in alternate side with any one colour as a background.
- Draw the natural motif for printed fabric.
 - Visit the park area or garden.
 - Take the inspiration and Mention the kind of design and fabric composition, the print fabric best suits in.

Unit 2: Still Life

6 hrs

- 2.1 Visit the monumental site and Draw the monuments exact (any 5 monuments).
Size= that fits in A4 size
Medium= pencil colour
Colour scheme= achromatic shading
- 2.2 Make Calligraphy Design. Any 5
Size= that fits in A4 size
Medium= Poster colour
Colour scheme= polychromatic
- 2.3 Take the best monumental silhouette and fill it with Calligraphy within.
- 2.4 Take a still life motives and make a composition

size- 4x4"

Medium= pencil outline.

2. 5 Trace above composition four times and filled each box with one of these medium-1) pencil shading, 2) stippling, 3) poster colour shading and 4) water colour effect.
size- 4x4"each

Unit 3: Prepare file for Autumn/winter or Spring/summer of textile design /prints 5 hrs

- Survey the market plan
- Surf the internet/media plan
- Collect any selected 6 different type of fashionable fabric of size 5x5"
- Make- Autumn /winter collection or Spring/ summer collection any one range
- Paste in A4 hard sheet.
- Write the details (such as - Name of fabric, composition, Print name if any, design name if any, mention colour, texture. Mention types of design or product where fabric makes best output).
- Make only layout of Design with the same fabric in next sheet
- Decorate the lay out design with Embroidery, appliqué or any art studied during this course.

Unit 4: Print

14 hrs

- Make Geometrical patterns with
Background = stripes
Medium= poster colour
Size= 8x8"
- Make Floral patterns with
Background checks
Size 8X8"
Medium= poster colour, background medium pencil colour
Colour scheme= monochromatic colours
- Make design in pictorial pattern in
Background polka dots
Size 8X8"
Medium Poster Colour
- Make Design Abstract Pattern with
Plain background
Size 8X8"
Medium Poster Colour
- Make a Curtain print design getting inspiration from any one of the above pattern and background. Size, colour, placement as per requirement. Design need to be inspired not exact. Medium Poster colour

Unit 5: Design Idea

26 hrs

- Design a Table cloth from
Block print with potato.
Size 12x12",
Medium poster colour,
Colour scheme- dull colours.
- Make a tea table cloth by using same block/design
Medium: fabric colour.
- Design a t-shirt print.
Theme- holi,
Colour scheme- polychromatic,
Size 10x10",
Medium poster colour
- Make the same above print on plain white t-shirt, theme- holi, colour scheme polychromatic, size - fits on t-shirt, medium- fabric colour.
- Make a saree border design with any one pattern and shape
Size-3x12".
Colour scheme-Achromatic colour,
Medium- poster colour.
Make print repeat
- Make a galaincha design.
Theme- mandav print,
Colour scheme-bright colours only,
Central line design.
Circular pattern.
Size- diameter 10"
- Design a Pashmina shawl,
Print theme- stencil print,
Size- 12x6".
Colours monochromatic colours.
- Make a design of stencil print using brush spray technique.
Size 10x10".
Medium - poster colour

Unit 6: Prepare a texture File from following effects.

6 hrs

- Brush Spray
- LeatherDenim
- Leaf
- Dry Flower
- Tweed effect
- Thread Pulling
- Ink drop
- Ink Blow
- Embossed effect
- Rubber effect
- Thumb Print

Unit 7: Prepare and present a project

8 hrs

- Select one theme for one class
- Get inspiration, note:inspiration should be different for each participant
- From the past knowledge gain from textile design/prints make the final product as well as the painted sketch on sheet
- Make small exhibition and give presentation about your product, its uses, target market and customers. More what's its all about your design.
(For example= Making a Dining Table Cloths is the theme, your inspiration may be design for hostel student/, home, kindergarten students, five star restaurant or any special occasion Can decorate the lay out design with Embroidery, applique or any art studied during this course)

References:

1. Sarahe.Braddock, Marie O'mahony, 1998, Techno textiles Revolutionary fabric for fashion Design.
2. W.A Hanton, 1960, Mechanics for Textile Students.
3. Richard Chettiar, Dec 2000, Textile Nation(Magezine)
4. MarrieO' Mahonyand Sarahe.Braddock, 2010, Textile and new Technology.
5. John Gillow and Bryan Sentence, 1999, A visual Guide to traditional techniques
6. Susan Meller/ Joost Elffers , 1991 Textile Designs

Clothing Construction II

Year: II
Part: II
Semester: IV

Total: 9 hrs/w
Theory: 3 hrs/w
Practical: 6 hrs/w

Course Description:

The course is designed to provide students with technical skills and knowledge about the construction of Ladies wear (LW) that helps to produce fashion designers and clothing manufacturers.

Course Objectives:

After the completion of this course the students will be able to:

- Acquire the skills of constructing ladies wear
- Construct clothes according to fashion trends
- Create the enterprise on fashion designing

Theory

Course Content:

This part includes introduction to basic concept of drafting and paper pattern construction, and introduction to ladies' wears as well as drafting and paper cutting knowledge and skills.

- | | |
|--|--------------|
| Unit 1: Drafting and Paper Pattern Construction of Skirt Items:
(Straight Skirt, Pleated Skirt, Umbrella Skirt) | 8 hrs |
| <ul style="list-style-type: none">• Introduction,• Required body measurement• Design illustration• Patten cutting | |
| Unit 2: Drafting and Paper Pattern Construction of Pettikot Items:
(4 Panel Pettikot, 6 Panel Pettikot) | 6 hrs |
| <ul style="list-style-type: none">• Introduction,• Required body measurement• Design illustration• Patten cutting | |
| Unit 3: Drafting and Paper Pattern Construction of Kurta Salwar:
(Kurta, Panjabi Salwal, Fitted Kurta, Churidar Salwar) | 8 hrs |
| <ul style="list-style-type: none">• Introduction,• Required body measurement• Design illustration• Patten cutting | |

Unit 4: Drafting and Paper Pattern Construction of Choli/Blouse: **11 hrs**
(Saree Blouse, Choubandi Cholo, Lenga Choli)

- Introduction,
- Required body measurement
- Design illustration
- Patten cutting

Unit 5: Drafting and Paper Pattern Construction of Western Ladies Items: **12 hrs**
(Ladies Shirt, Ladies Pant, One Piece Dress)

- Introduction,
- Required body measurement
- Design illustration
- Patten cutting

Practical

1. Take body measurement
2. Illustrate the design
3. Cut the pattern
4. Cut the fabric as per the pattern
5. Stitch the cut piece and give the final finishingof:
 - a. Skirt items: (Straight Skirt, Pleated Skirt, Umbrella Skirt) 15 hrs
 - b. Pettikot Items: (4 Panel Pettikot, 6 Panel Pettikot) 10 hrs
 - c. Kurta salwar: (Kurta, Panjabi Salwar, Fitted Kurta, Churidar Salwar) 20 hrs
 - d. Choli/Blouse Items: (Saree Blouse, Choubandi Cholo, Lehenga Choli) 20 hrs
 - e. Ladies Items: (Ladies Shirt, Ladies Pant, One Piece Dress) 25 hrs

Reference Books:

1. METRIC PATTERN CUTTING
BY WINIFRED ALDRICH
Published by UNWIN HYMAN, LONDON SYDNEY WELLINGTON, 1989
2. THE ART AND SCIENCE OF PATTERNMAKING AND GRADING
BY PROFESSOR HARRY GREENBERG AND PROFESSOR LEONARD
TRATTNER
Published by Steval GRAPHIC CONCEPTS, Inc. Plainview, NY (516)576-0220, 2000
3. Sunita Silae Shastra
By Mrs. Suneeta Makeku
Published by SuneetaSilaePrashiskshan Kendra, Pulchowk, Lalitpur, 2066 (BS)

History of Fashion

YEAR: II
PART: I
SEMESTER: III

TOTAL: 8 hrs/w
THEORY: 2 hrs/w
PRACTICAL: 6 hrs/w

COURSE DESCRIPTION

This course provides the comprehensive knowledge about the costumes and accessories of different periods in the course of history to present time.

COURSE OBJECTIVES

After completion of this program, the students will be able:

- a) To be familiar with a basic overview of historical costume and fashion from the ancient time to the current time.
- b) To know about the remarkable changes of fashion in different periods.
- c) To gain skill and knowledge about the clothes of past.

COURSE CONTENTS

THEORY

Unit 1: INTRODUCTION

2hrs

- 1.1 Costume
- 1.2 Fashion
- 1.3 Importance of studying History of Fashion

Unit 2: THE ANCIENT TIME

2.1 The Ancient Egypt

2hrs

- a) Civilization of Egypt
- b) Costume of ancient Egypt
- c) Accessories of ancient Egypt

2.2 The Ancient Greece

2hrs

- a) Civilization of Greece
- b) Costume of ancient Greece
- c) Accessories of ancient Greece

2.3 The Ancient Rome

2hrs

- a) Civilization of Rome
- b) Costume of ancient Rome
- c) Accessories of ancient Rome

Unit 3: THE MIDDLE AGE	
3.1 The Byzantine Period	2hrs
a) Civilization of Byzantine period	
b) Costume of Byzantine period	
c) Accessories of Byzantine period	
3.2 The Romanesque Period	2hrs
a) Civilization of Romanesque period	
b) Costume of Romanesque period	
c) Accessories of Romanesque period	
3.3 The Gothic Period	2hrs
a) Civilization of Gothic period	
b) Costume of Gothic period	
c) Accessories of Gothic period	
Unit 4: THE MODERN AGE	
4.1 The Renaissance Period	2hrs
a) Civilization of Renaissance period	
b) Costume of Renaissance period	
c) Accessories of Renaissance period	
4.2 The Baroque Period	2hrs
a) Civilization of Baroque period	
b) Costume of Baroque period	
c) Accessories of Baroque period	
4.3 The Rococo Period	2hrs
a) Civilization of Rococo period	
b) Costume of Rococo period	
c) Accessories of Rococo period	
Unit 5: THE VICTORIAN ERA (19TH CENTURY)	2hrs
a) Civilization of 19 th Century	
b) Costume of 19 th Century	
c) Accessories of 19 th Century	
Unit 6: THE FIFTIES, SIXTIES AND SEVENTIES	
a) 1950s Fashion	2hrs
• Costume	
• Accessories	
b) 1960s Fashion	2hrs
• Costume	
• Accessories	

c) 1970s Fashion	2hrs
• Costume	
• Accessories	
Unit 7: NEW MILLENNIUM (2000s)	1hrs
a) Introduction	
b) Costume and accessories	
c) Remarkable Changes in fashion	
Unit 8: CLOTHING HISTORY OF NEPAL	1hrs
a) Introduction	
b) Costume	
c) Accessories	

PRACTICAL

Unit 1: THE ANCIENT TIME

1.1 The Ancient Egypt	
a) Draw a male costume with figure and give pencil color shading (Drawing- 4hrs + coloring- 2hrs)	6 hrs
b) Draw a female costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
1.2 The Ancient Greece	
a) Draw a male costume with figure and give pencil color shading	2 hrs
b) Draw a female costume with figure and give pencil color shading	2 hrs
1.3 The Ancient Rome	
a) Draw a male costume with figure and give pencil color shading	2 hrs
b) Draw a female costume with figure and give pencil color shading	2 hrs

Unit 2: THE MIDDLE AGE

2.1 The Byzantine Period	
a) Draw a male costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
b) Draw a female costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
2.2 The Romanesque Period	
a) Draw a male costume with figure and give pencil color shading	2 hrs
b) Draw a female costume with figure and give pencil color shading	2 hrs

2.3 The Gothic Fashion	
a) Draw a male costume with figure and give pencil color shading	2hrs
b) Draw a female costume with figure and give pencil color shading	2hrs
Unit 3: THE MODERN AGE	
3.1 The Renaissance Period	
a) Draw a male costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
b) Draw a female costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
3.2 The Baroque Period	
a) Draw a male costume with figure and give pencil color shading	2 hrs
b) Draw a female costume with figure and give pencil color shading	2 hrs
3.3 The Rococo Period	
a) Draw a male costume with figure and give pencil color shading	2 hrs
b) Draw a female costume with figure and give pencil color shading	2 hrs
Unit 4: THE VICTORIAN ERA (19TH CENTURY)	
a) Draw a male costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
b) Draw a female costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
Unit 5: THE FIFTIES, SIXTIES AND SEVENTIES	
5.1 1950s Fashion	
a) Draw a male costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
b) Draw a female costume with figure and give pencil color shading (Drawing- 2hrs + coloring- 2hrs)	4 hrs
5.2 1960s Fashion	
a) Draw a male costume with figure and give pencil color shading	2 hrs
b) Draw a female costume with figure and give pencil color shading	2 hrs
5.3 1970s Fashion	
a) Draw a male costume with figure and give pencil color shading	2 hrs
b) Draw a female costume with figure and give pencil color shading	2 hrs

Unit 6: NEW MILLENNIUM (2000s)

- a) Draw a male costume with figure and give pencil color shading **4 hrs**
(Drawing- 2hrs + coloring- 2hrs)
- b) Draw a female costume with figure and give pencil color shading **4 hrs**
(Drawing- 2hrs + coloring- 2hrs)

Unit 7: STUDY OF CLOTHING IN NEPAL

- a) Draw a male costume with figure and give pencil color shading **4 hrs**
(Drawing- 2hrs + coloring- 2hrs)
- b) Draw a female costume with figure and give pencil color shading **4 hrs**
(Drawing- 2hrs + coloring- 2hrs)

References

1. Jack Cassin-Scott (1998), The illustrated encyclopedia of costume and fashion, Brockhampton Press London and Drama Book Publishers, New York
2. Bronwyn Cosgrave (2000), The complete history of costume and fashion, Checkmark Books, Octopus Publishing Group Limited
3. Dorin van den Beukel (1998), A pictorial history of costume, The Pepin Press
4. Penelope Byrde (1986), A visual history of costume, The twentieth century, B.T. Batsford Ltd. London

Websites

www.wikipedia.org

Third Year
(Fifth and Sixth Semesters)

Year: III

Part: I

Semester: V

Subjects:

1. Principle of Pattern Making
2. Knitting and Crochet
3. Entrepreneurship Development
4. Clothing construction III
5. Gender Equality and Social Inclusion

Principle of Pattern Making

Year/part: III
Part: I
Semester: V

Total: 8 Hrs/w
Theory: 2
Practical: 6 Hrs/w

Course Description:

This course is designed to provide knowledge and skills about pattern making. It helps to fulfill the demand of pattern makers in Nepalese garment industries.

Course Objectives:

After the completion of this course the students will be able to:

- Acquire the advanced technique of pattern making
- Develop patterns according to his/her own design
- Differentiate between customized pattern making and industrial pattern making.

Course Content:

Theory

Unit 1: Introduction –

5 hrs

- Introduction to pattern making
- Types of pattern making techniques (solid and geometrical method)
- Standard body measurement table and personal body measurement (children, ladies and gents)
- Types of body measurement (vertical, horizontal and circumference)

Unit 2: Prototype (Foundation pattern) –

5 hrs

- Introduction to prototype
- Types of prototype (children's, ladies' and gent's)
- Importance of prototype

Unit 3: Drafting of Prototype –

5 hrs

- Children's prototype (dart less)
- Ladies prototype (with dart)
- Gent's prototype (basic block)

Unit 4: Skirt Variations –

5 hrs

- Basic straight skirt pattern (skirt block)
- Panel skirt from straight skirt
- A-line skirt from straight skirt pattern
- Flared skirt
- Circular skirt
- Pleated skirt

- Unit 5: Dart Manipulation –** **5 hrs**
- Bodice with waist and shoulder dart
 - Bodice with neck line dart
 - Bodice with side seam dart
 - Bodice with center front dart
 - Bodice with princess line

- Unit 6: Shirt Variations -** **5 hrs**
- Classic shirt (gents)
 - Baggy shirt (ladies and gents)
 - Ladies shirt with decorative yoke

Practical

- 1. Prototype Constructions in Full Scale** **20 hrs**
- Construct children’s prototype (dart less)
 - Construct ladies prototype (with dart)
 - Construct gent’s prototype (basic block)

- 2. Skirt Variations in Full Scale** **20 hrs**
- Construct the Basic straight skirt pattern (skirt block)
 - Construct the Panel skirt from straight skirt
 - Construct the A-line skirt from straight skirt pattern
 - Construct the Flared skirt
 - Construct circular skirt
 - Construct pleated skirt

- 3. Dart Manipulation in Full Scale** **30 hrs**
- Construct the Bodice with waist and shoulder dart
 - Construct the Bodice with neck line dart
 - Construct the Bodice with side seam dart
 - Construct the Bodice with center front dart
 - Construct the Bodice with princess line

- 4. Shirt Variations** **20 hrs**
- Construct Classic shirt (gents)
 - Construct Baggy shirt (ladies and gents)
 - Construct Ladies shirt with decorative yoke

Reference Books:

1. *METRIC PATTERN CUTTING*
BY WINIFRED ALDRICH
Published by UNWIN HYMAN, LONDON SYDNEY WELLINGTON, 1989

2. *METRIC PATTERN CUTTING FOR CHILDREN'S WEAR*
From 2-14 years
By WINIFRED ALDRICH
Published by BSP PROFESSIONAL BOOKS
OXFORD LONDON EDINBURGH
BOSTON MELBOURNE, 1989 (AD)

3. *METRIC PATTERN CUTTING FOR MENSWEAR*
BY WINIFRED ALDRICH
Published by BSP PROFESSIONAL BOOKS, OXFORD LONDON EDINBURGH, 1987

4. *Pattern Making for Fashion Design*
Third Edition
By Helen Joseph – Armstrong

5. *THE ART AND SCIENCE OF PATTERNMAKING AND GRADING*
BY PROFESSOR HARRY GREENBERG AND PROFESSOR LEONARD TRATTNER
Published by Steval GRAPHIC CONCEPTS, Inc. Plainview, NY (516)576-0220, 2000

Knitting and Crochet

Year: III
Part: I
Semester: V

Total: 8 hrs/w
Theory: 2 hrs
Practical: 6 hrs

Course Description

The course is designed to provide basic and comprehensive knowledge of knitting which can be used for making garment or value additional on the garment. It helps to develop the skill of different types of knitting process.

Course Objective

After completion of this programme, the student will be able

- To identify different types of Knitting.
- To develop the skill on garment making like sweater, Outer, Trouser and other utility items.
- Perform basic crochet stitches
- To join motif using various techniques.

Course Content

	Theory	
Unit 1: Knitting and Crochet		4 Hrs
1.1 Introduction		
1.2 Importance of Knitting and Crochet		
1.3 Materials used for Knitting and Crochet		
1.4 Symbols of Knitting and Crochet		
1.5 Abbreviations		
Unit 2: Basic Crochet Stitches		8 Hrs
2.1 Chain stitch (Starting Off)		
2.2 Single Stitch (Split Stitch)		
2.3 Double Stitch (Double Crochet)		
2.4 Finishing Off		
2.5 Increasing length Single		
2.6 Increasing length Double		
2.7 Increasing Loop single		
2.8 Increasing Loop Double		
2.9 Decreasing Loop Single		
2.10 Decreasing Loop Double		
2.11 Circular Stitching Single		
2.12 Circular Stitching Double		
2.13 Triangular Stitching Single		
2.14 Triangle Stitching Double		

- 2.15 Square Stitching Single
- 2.16 Square Stitching Double
- 2.17 Working with two different Colours
- 2.18 V shaped Stitch
- 2.19 Shell Shaped Stitch
- 2.20 Cross Designed Stitch
- 2.21 Puff Stitch
- 2.22 Broomstick Stitch
- 2.23 Crocodile stitch

Unit 3: Crochet Pattern Developing process

4 Hrs

- 3.1 Single Stitch on Chain
- 3.2 Double Stitch on Chain
- 3.3 V Shaped Stitch
- 3.4 Shell Shaped
- 3.5 Single Chain Stitch on Double
- 3.6 Double Chain Stitch on Double

Unit 4: Motifs and its joining techniques

6 Hrs

- 4.1 Cap
- 4.2 Ball
- 4.3 Button
- 4.4 Flower
- 4.5 Leaf
- 4.6 Lace
- 4.7 Stitched with Fabric
- 4.8 Tassels
- 4.9 Filling ring
- 4.10 Flounce
- 4.11 Pattern Joining Technique:
 - Single
 - Double

Unit 5: Process of hand Knitting

4 Hrs

- 5.1 Cast on Loops
- 5.2 Cast off Loops
- 5.3 Plain Knitting
- 5.3 1*1 Rib Knitting
- 5.4 2*2 Rib Knitting
- 5.5 Increasing Loop
- 5.6 Decreasing loop
- 5.7 Correction Mistakes

Unit 6: Knitting stitches and its Joining Techniques	2 Hrs
6.1 Cable Stitch	
6.2 Moss stitch	
6.3 Cardigan	
6.3 Circular Shaped Knitting	
6.4 Color combination on knitting stitches	

Unit 7: Description for constructing process of Baby set	2 Hrs
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Practical

Unit 1: Make a sample of the following Basic Crochet Stitches	28 hrs
1.1 Chain stitch (Starting Off)	
1.2 Finishing Off	
1.3 Single Stitch (Split Stitch)	
1.4 Double Stitch (Double Crochet)	
1.5 Increasing length Single	
1.6 Increasing length Double	
1.7 Increasing Loop single	
1.8 Increasing Loop Double	
1.9 Decreasing Loop Single	
1.10 Decreasing Loop Double	
1.11 Circular Knitting Single	
1.12 Circular Knitting Double	
1.13 Triangular Knitting Single	
1.14 Triangle Knitting Double	
1.15 Square Knitting Single	
1.16 Square Knitting Double	
1.17 Working with two different Colours	
1.18 V Shaped stitch	
1.19 Shell Shaped Stitch	
1.20 Cross Designed Stitch	
1.21 Puff Stitch	
1.22 Broomstick Stitch	
1.23 Crocodile stitch	

Unit 2: Make a sample of the following Crochet Pattern	6 Hrs
2.1 Single Stitch on Chain	
2.2 Double Stitch on Chain	
2.3 V Shaped	
2.4 Shell Shaped	
2.5 Single Chain Stitch on Double	
2.6 Double Chain Stitch on Double	

Unit 3: Make a sample of the following motifs	30 Hrs
3.1 Cap	
3.2 Ball	
3.3 Button	
3.4 Flower	
3.5 Leaf	
3.6 Lace	
3.7 Stitched with Fabric	
3.8 Tassels	
3.9 Filling ring	
3.10 Flounce	
3.11 Pattern Joining Techniques	
○ Single	
○ Double	
3.12 Circular shaped Double	
Unit 4: Make a sample of the following Knitting	4 Hrs
4.1 Cast on Loops	
4.2 Cast off Loops	
4.3 Plain Knitting	
4.4 1*1 Rib Knitting	
4.5 2*2 Rib Knitting	
4.6 Increasing Loop	
4.7 Decreasing loop	
4.8 Correction Mistakes	
Unit 5: Make a sample the following Knitting stitches10Hrs	
5.1 Cable Stitch	
5.2 Moss stitch	
5.3 Cardigan	
5.4 Circular Shaped Knitting	
5.5 Making color different on pattern	
5.6 Joining techniques of different parts	
Unit 6: Project work: Knit a baby set.	12 Hr

References:

- *Connect the Shapes Crochet Motifs By Edie Eckman, Kapada*
- *The complete practical Encyclopedia of Needlecrafts*
- *Thelma M. Nye -Batsford Book of Knitting and Crochet*
- *Aneeta Patel –Knitty Gritty: Knitting for the absolute beginner*
- *Margaret Radcliffe -2nd Edition of ‘The Knitting Answer Book’*
- *Margaret Radcliffe –The Knowldeable Knitter*
- *Edie Eckman-The Crochet Answer Book 2nd Edition*
- *Maggie Righetti –Knitting In Plain English*
- *Debbie Bliss-The Knitter’s Book of Knowledge*
- *Dbbie Stoller- The Knitter’s Handbook*
- *Carri Hammett-First Time Knitting*
- *Edie Erkman-Beyond the squire crochet*
- *Edie Erkman-Connect the shapes crochet motifs*
- *Martingale-A to Z crochet*
- *Edie Erkman and Judith Durant-Crochet one-skein wonders*
- *Jenny Dowde- Freeform knitting and crochet*

Entrepreneurship Development

Year: III
Part: I
Semester: V

Total: 5 hrs/w
Theory: 3 hrs/w
Practical: 2 hrs/w

Course description:

This course is designed to provide the knowledge and skills on formulating business plan and managing small business. The entire course deals with assessing, acquiring, and developing entrepreneurial attitude; skills and tools that are necessary to start and run a small enterprise.

Course objectives:

After completion of this course students will be able to:

1. Define business and entrepreneurship.
2. Explore entrepreneurial competencies.
3. Analyze business ideas and viability.
4. Formulate business plan with its integral components and
5. Create Entrepreneurship.

Theory

Course Contents:

Unit 1: Introduction to Business & Entrepreneurship:	9 Hours
<ol style="list-style-type: none">1. Overview of entrepreneur and entrepreneurship2. Wage employment , self- employment and business3. Synopsis of types and forms of enterprises4. Attitudes, characteristics & skills required to be an entrepreneur5. Myths about entrepreneurs6. Overview of MSMEs (Micro, Small and Medium Enterprises) in Nepal	
Unit 2: Exploring and Developing Entrepreneurial Competencies:	10 Hours
<ol style="list-style-type: none">1. Assessing individual entrepreneurial inclination2. Assessment of decision making attitudes3. Risk taking behavior and risk minimization4. Creativity and innovation in business5. Enterprise management competencies	
Unit 3: Business identification and Selection:	4 Hours
<ol style="list-style-type: none">1. Sources and method of finding business idea(s)2. Selection of viable business ideas3. Legal provisions for MSMEs in Nepal	

Unit 4: Business plan Formulation:**17 Hours**

1. Needs and importance of business plan
2. Marketing plan
 - Description of product or service
 - Targeted market and customers
 - Location of business establishment
 - Estimation of market demand
 - Competitors analysis
 - Estimation of market share
 - Measures for business promotion
3. Business operation plan
 - Process of product or service creation
 - Required fix assets
 - Level of capacity utilization
 - Depreciation & amortization
 - Estimation office overhead and utilities
4. Organizational and human resource plan
 - Legal status of business
 - Management structure
 - Required human resource and cost
 - Roles and responsibility of staff
5. Financial plan
 - Working capital estimation
 - Pre-operating expenses
 - Source of investment and financial costs
 - Per unit cost of service or product
 - Unit price and profit/loss estimation of first year
6. Business plan appraisal
 - Return on investment
 - Breakeven analysis
 - Risk factors

Unit 5: Small Business Management:**5 Hours**

1. Concept of small business management
2. Market and marketing mix
3. Basic account keeping

Practical

Unit 1: Overview of Business & Entrepreneurship **2 Hours**

1. Collect business information through interaction with successful entrepreneur

Unit 2: Exploring and Developing Entrepreneurial Competencies **2 Hours**

1. Generate innovative business ideas

Unit 3: Product or service Identification and Selection **2 Hours**

1. Analyze business ideas using SWOT method

Unit 4: Business Plan Formulation **22 Hours**

1. Prepare marketing plan
2. Prepare operation plan
3. Prepare organizational and human resource plan
4. Prepare financial plan
5. Appraise business plan
6. Prepare action plan for business startup

Unit 5: Small Business Management **2 Hours**

1. Prepare receipt and payment account
2. Perform costing and pricing of product and service

पाठ्यपुस्तक:

- क) प्रशिक्षकहरूका लागि निर्मित निर्देशिका तथा प्रशिक्षण सामग्री, प्राविधिक शिक्षा तथा व्यावसायिक तालीम परिषद्, २०६९।
- ख) प्रशिक्षार्थीहरूका लागि निर्मित पाठ्यसामग्री तथा कार्यपुस्तिका, प्राविधिक शिक्षा तथा व्यावसायिक तालीम परिषद् (अप्रकाशित), २०६९।

References:

1. Entrepreneur's Handbook, Technonet Asia, 1981.

Clothing Construction III

Year: III
Part: I
Semester: V

Total: 9 hrs/w
Theory: 3 hrs/w
Practical: 6 hrs/w

Course Description:

The course is designed to enhance the skills and knowledge about the construction of Men's wear (MW) that supports to produce fashion designers for Men's Wear.

Course Objectives:

After the completion of this course the students will be able to:

- Gain skill and knowledge on the construction of men's wears
- Design men's wears
- Create enterprise on Male Fashion Designing

Course Contents:

Theory

This part includes introduction to basic concept of drafting and paper pattern construction and introduction to gents' wears as well as drafting and paper cutting knowledge and skills.

Unit 1: Drafting and Paper Pattern Construction of Male shirt Items (Classic): 15 hrs (Pajama, Open shirt, Nehru Shirt, Formal Shirt - Classic)

- Introduction,
- Required body measurement
- Design illustration
- Patten cutting

Unit 2: Drafting and Paper Pattern Construction of Pant, Hat and Tie Items: 15 hrs (Gents Pant, Hat, Bow Tie, Neck Tie)

- Introduction,
- Required body measurement
- Design illustration
- Patten cutting

Unit 3: Drafting and Paper Pattern Construction of traditional Nepali dress: 15 hrs (Daura Surwal, Nepali Topi, Waist Coat)

- Introduction,
- Required body measurement
- Design illustration
- Patten cutting

Practical

1. Take body measurement
2. Illustrate the design
3. Cut the pattern
4. Cut the fabric as per the pattern,
5. Stitch the cut piece and give the final finishing of:
 - a. Male Shirt items: (Pajama, Open shirt, Nehru Shirt, Formal Shirt -Classic) 30 hrs
 - b. Pant and tie Items: (Gents Pant, Hat, Bow Tie, and Neck Tie) 30 hrs
 - c. Traditional Nepali male dress: (Daura Surwal, Nepali Topi, Waist Coat) 30 hrs

Reference Books:

1. METRIC PATTERN CUTTING FOR MENSWEAR
BY WINIFRED ALDRICH
Published by BSP PROFESSIONAL BOOKS, OXFORD LONDON EDINBURGH,
1987
2. Sunita Silae Shastra
By Mrs. Suneeta Makeku
Published by Suneeta Silae Prashikshan Kendra, Pulchowk, Lalitpur, 2066 (BS)

Gender Equality and Social Inclusion

Year: III
Part: I
Semester: V

Total: 6 hrs/w
Theory: 4 hrs/w
Practical: 2 hrs/w

Course Description

The course is designed to provide knowledge on Gender and Development, Definition of Gender and Sex, Equity and Equality, need and importance of Social Inclusion, Hindrance for the Social Inclusion, Gender Responsive Budget, National and International Efforts on Gender and Development.

Course Objectives

After the completion of this course, the participants will be able to:

- a. Explain gender and development approach
- b. Analyse role and status of men and women
- c. Explain gender based discrimination
- d. Differentiate social inclusion and exclusion
- e. Explain empowerment, equity and equality measure
- f. Familiarize with gender responsive budget
- g. Brief national and international provision and effort in gender and social inclusion
- h. Address the GESI in program

Course Contents

Theory

Unit 1: Gender and Development Approach	10 hrs
1.1. Concept, Delimitation of Gender and development	
1.2. Historical Background of Gender and Development	
1.3. Concept and Definition of Social Inclusion	
1.4. Importance of GESI in Entrepreneurship Development	
Unit 2: Role and Status Analysis of Men and Women	8 hrs
2.1. Role and responsibility of men and women	
2.2. Access to control over Resources (Household/Community/Market)	
2.3. Socialization	
2.4. Patriarchy	
Unit 3: Gender based Discrimination	8 hrs
3.1. Gender based Discrimination	
3.2. Sex and Gender based Violence	
3.3. Violence Against Women	
3.4. Types of Violence	

Unit 4: Social inclusion **8 hrs**

- 4.1. Concept of Social Inclusion and Exclusion
- 4.2. Basic Aspect of Social Inclusion
- 4.3. Barrier for social inclusion
- 4.4. Challenges for the participation of women, Dalits, ethnic groups in development

Unit 5: Empowerment, Equity and Equality Measures **10 hrs**

- 5.1. Concept and definition of Equity, Equality and Empowerment
- 5.2. Practical Gender Needs and Strategic Gender Interests
- 5.3. Equity measures
- 5.4. Positive discrimination
- 5.5. Gender mainstreaming

Unit 6: Gender Responsive Budget **10 hrs**

- 6.1. Concept Gender Responsive Budget (GRB)
- 6.2. Concept of Gender/Social Audit
- 6.3. Tools and technique of gender auditing

Unit 7: National and International Effort **4 hrs**

- 7.1. National and International Efforts on Gender and Social Inclusion
- 7.2. Declaration - Convention on the Elimination of All Forms of Discrimination against Women (CEDAW),
- 7.3. Women commission
- 7.4. Dalit commission
- 7.5. Commission for Indigenous Nationalities

Unit 8: Addressing the GESI in Program **2 hrs**

- 8.1. Empowerment of Women, Dalit, Indigenous Nationality and other Hard-core poor through Enterprise Development

Practical:

- 1. Visit nearby enterprise and analyse the status of GESI, Prepare report and present in class. 15 hrs
- 2. Visit nearby different organization led by activist (Dalit, IN, Women, etc), analyse the status of GESI, Prepare report and present in class based on the given outlines. 15 hrs

References:

1. आखिर यो जेण्डर के हो त ? प्रकाशक स्त्री शक्ति, www.striishakti.org.np
2. *Training manual on Gender and social; Inclusion, Micro Enterprise Development Programme (MEDEP) NEP/08/006*
3. बैयक्तिक विकास र समूहमा महिला पुरुष सम विकास, तालिम निर्देशिका (१, क्यानडा नेपाल महिला पुरुष समानताको लागि संस्थागत विकास परियोजना
4. लघु उद्यमीहरुको लागि लैगिंक समानता तालिम निर्देशिका, लघु उद्यम विकास कार्यक्रम (MEDEP/UNDP)
5. अन्तर्राष्ट्रिय शान्ति मामिला केन्द्र (ZIF) र अन्तर्राष्ट्रिय सहयोगको लागि जर्मन समाज (GIZ) तालिम पुस्तिका : शान्ति निर्माणका लागि लैगितमा मूल प्रवाहिकरण, तालिम निर्देशिका, २०६९
6. जेण्डर र दिगो विकासमा स्पष्ट अवधारणा तालिम निर्देशिका- स्त्री शक्ति, www.striishakti.org.np
7. लैङ्गिक उत्तरदायी बजेट तर्जुमा दिग्दर्शन २०६९, नेपाल सरकार अर्थमन्त्रालय
8. लैङ्गिकता, सामाजिक समावेसीकरण र संयुक्त राष्ट्र संघ सुरक्षा परिषद्को प्रस्ताव नं १३२५ र १८२० प्रशिक्षण पुस्तिका, महिला, कानुनर विकास मञ्च (FWLD)
9. जेण्डर र सुशासन, प्रशिक्षक प्रशिक्षण निर्देशिका : प्रकाशक स्त्री शक्ति
10. लैङ्गिक संवेदनशीलता स्रोत सामाग्री संगालो : नेपालमा सामूदायिक सुरक्षा तालिम, पहुँच र पैरवी, क्विन्टिचिम् जनवरी, २०१४
11. www.worecnepal.org.np
12. www.nwc.gov.np
13. www.striishakti.org.np
14. www.ndc.gov.np
15. www.nfdin.gov.np

Third Year

(Fifth and Sixth Semesters)

Semester VI

Specialization & Work Experience Program

Specialization in the following (3 months)

1. Pattern Making and Grading
2. Quality Control and Supervision
3. Fashion Sketching

Pattern Making and Grading

Year: III
Part: II
Semester: VI

Total: 12 hrs/w (8 w)
Theory: 4 hrs/w
Practical: 8 hrs/w

Course Description:

This specialization course is designed to provide knowledge and skills about pattern making and grading techniques. It helps to fulfill the demand of pattern makers as well as pattern graders in Nepalese garment industries.

Course Objectives:

After the completion of this specialization course, the students will be able to:

- Develop the patterns of highly fashionable dresses
- Grade the patterns in different sizes for mass production
- Acquire knowledge about adoption and modification of pattern

Course Content:

	Theory	
Unit 1: Introduction		6 hrs
<ul style="list-style-type: none">• Introduction to grading• Importance of grading• Types of grading• Preparation of grading chart		
Unit 2: Grading of bodice (Prototype)		10 hrs
<ul style="list-style-type: none">• Dartless bodice (children's, ladies' and gent's)• Bodice with darts		
Unit 3: Grading of Skirts		8 hrs
<ul style="list-style-type: none">• Basic straight skirt• Panel skirt• Skirt with yoke		
Unit 4: Grading of Classic Shirt		8 hrs

Practical

1. Grading of Prototype in Full Scale 20 hrs
 - Construct and grade children's prototype (dart less)
 - Construct and grade ladies prototype (with dart)

2. Skirt Variations in Full Scale 20 hrs
 - Construct and grade basic straight skirt pattern (skirt block)
 - Construct and grade panel skirt
 - Construct and grade flared skirt

3. Construct and Grade Shirt (ladies and gents) 24 hrs

Reference Books:

1. THE ART AND SCIENCE OF PATTERNMAKING AND GRADING
 - a. BY PROFESSOR HARRY GREENBERG AND PROFESSOR LEONARD TRATTNER
 - b. Published by Steval GRAPHIC CONCEPTS, Inc. Plainview, NY (516)576-0220, 2000

2. Grading Techniques for Fashion Design (Second Edition)
 - a. By Jean Price and Bernard Zamkoff
 - b. Published by Fairchild Publications, New York, 1996

3. METRIC PATTERN CUTTING
 - a. BY WINIFRED ALDRICH
 - b. Published by UNWIN HYMAN, LONDON SYDNEY WELLINGTON, 1989

4. METRIC PATTERN CUTTING FOR CHILDREN'S WEAR
 - a. From 2-14 years
 - b. By WINIFRED ALDRICH
 - c. Published by BSP PROFESSIONAL BOOKS
 - d. OXFORD LONDON EDINBURGH
 - e. BOSTON MELBOURNE, 1989 (AD)

5. METRIC PATTERN CUTTING FOR MENSWEAR
BY WINIFRED ALDRICH
Published by BSP PROFESSIONAL BOOKS, OXFORD LONDON EDINBURGH, 1987

6. Pattern Making for Fashion Design
Third Edition
By Helen Joseph – Armstrong

Quality control and Supervision

Year: III
Part: I
Semester: VI

Total: 12 hrs/w (8 w)
Theory: 4 hr/w
Practical: 8 hrs/w

Course Description:

The course is designed to provide comprehensive knowledge about quality control and quality assurance standards to work operation in the apparel industry. It further develop the skills of supervision by inspecting in various units of Garment Industry. Also develop skill to produce quality product with in the Limited time frame which supports in customer satisfaction.

Course Objective:

After the completion of this specialization course, the students will be able to:

- a) Expertise in quality control
- b) Equip with quality product making process.
- c) Expertise in producing Maximum goods within the specified tolerance.
- d) Identify the defects and their remedies
- e) Develop the skills to inspect the garments

Course Content:

	Theory	
Unit1: Quality Control		2 hrs
1. 1 Introduction to Quality		
1.2. Quality costs		
1.3 Quality control		
1.4 Objective of Quality control		
1.6 Quality control management		
1.7 Methods of Quality control		
○ Testing		
○ Inspection		
Unit 2: Inspection/Audit		3 hrs
2.1 Introduction		
2.2 Objective of Inspection/ Audit		
○ Detecting the defect		
○ Correcting the defects or defective garments		
2. 3 Quality controller/ Inspector.		
2.4 Tolerance		
2.5 Types of Garment Inspection		
○ No inspection,		
○ 100% Inspection,		
○ Spot checking,		
○ Arbitrary sampling,		
○ Acceptance sampling.		

- 2.6 Measurement Inspection Procedure (Raw materials, woven garments, knit wear)
- 2.7 Quality Inspection report
 - Simple Method
 - Advance Method
- 2.8 Four point system inspection process
- 2.9 Shipment Inspection

Unit 3: Garments Defects 2 hrs

- 3.1 Introduction
- 3.2 Defects
 - 3.2.1 Minor defect
 - 3.2.2 Major defect
 - 3.2.3 Critical Defect
- 3.3 General Types of Defects
 - 2.3.1 Sewing defect
 - 2.3.2 Colour defect
 - 2.3.3 Sizing defect
 - 2.3.4 Finished garment defects
- 3.4 Measuring process of defective piece
- 3.5 Defects per Hundred Units (DHU)
- 3.6. DHU measures

Unit 4: Sewing 4 hrs

- 1. Seam Quality 1 hrs**
 - Seam Size
 - Seam Slippage Strength
 - Seam strength
- 2. Sewing Problem, Cause and Remedies 3 hrs**
 - Needle thread breakage
 - Bobbin or looper thread breakage
 - Thread fusing when the machine stops
 - Skipped stitches
 - Imbalanced / variable stitching
 - Staggered stitching
 - Variable stitch density
 - Seam pucker

Unit 5: Stages of quality control

- 5. 1 Quality Control of Raw material on arrival on ware house/Raw material Inspection 1 hr**
 - Four points based inspection
- 5.2 Quality Control in Cutting Department 6 hrs**
 - 5.2.1. Fabric, raw material checking
 - 5.2.2 Cutting machine and blade checking

5.2.3 Spreading Quality Control

- Table Marking
- Pile direction
- Ends
- Tension
- Leaning
- Narrow goods
- Counts/layers
- Ply height
- Remnants
- Fabric flaws
- Market pacing

5.2.4. Quality Control after cutting

- Missed Cut
- Ragged Cutting
- Pattern checks
- Matching Plies
- Notches

5.3 Quality Control in Sewing Department/ in process Quality Control

6 hrs

- 5.3.1 Input Fabric checking
- 5.3.2 Cutting pannels and accessories checking
- 5.3.3 Sewing machine checking
- 5.3.4 Sewing needle checking
- 5.3.5 Embroidery and placement prints checking
- 5.3.6 Stitching Fault checking
- 5.3.7 Seam Fault checking
- 5.3.8 Measurement checking
- 5.3.9 Colour shade variation checking
- 5.3.10 Size mistake checking
- 5.3.11 Trimming checking
- 5.3.12 Interlinking checking
- 5.3.13 Crease or wrinkle appearance checking

5.4 Quality Control in Finishing Department/ Final Inspection

6 hrs

- 5.4.1 Print /embroidery checking
- 5.4.2 Label placement
- 5.4.3 Button placement
- 5.4.4 Other trims placement
- 5.4.5 Feel and fall of garment
- 5.4.6 Physical properties
- 5.4.7 Colour fastness of garment
- 5.4.8 Pleats, fold mark check
- 5.4.9 Garment measurement
- 5.4.10 Cleaning of garment
- 5.4.11 Pressing , Steam and Ironing
- 5.4.12 AQL (Acceptable Quality level) by random sampling inspection

5.4.13 Folding

5.4.14 Packing

- Final presentation of the product
- Packing list
- Carton packing and invoice tacking

Unit 6: Follow up and Feedback

2 hrs

6.1 Valuable Customer

6.2 Customer Satisfaction

6.3 Customer Feedback

6.4 Respond to customer feedback

6.5 Confirm the result and keep record for future reference

Practical

Unit 1: Make Quality inspection sheet, fill the sheet taking any 40 garments of two tailor person. Also calculate the DHU value for each.

10 hrs

Unit 2: Make measurement chart, fill the chart taking measurement of any 20 different style of garment

12 hrs

Unit 3: Make a file, collecting pictures of various defects in garment (at least 20)

12 hrs

Unit 4: Factory Visit to understand the process of QC in each department.

30 hrs

References

- Pradip V. Mehta – 1985, an introduction to quality control for the apparel industry.
- Pradip V. Mehta, Satish K. Bhardwaj – 1998, managing quality in the apparel industry.
- K. Sakthivel, online publication, Various Methods of Inspection Systems for Apparels.
- Prof.M. A. Kashem- 2009, Garments & Technology
- Prof. M. A. Kashem- 2009, Garments Merchandising
- Harold Carr and Barbara Latham, Technology of Clothing Manufacture 2nd ed,.
- Gerry Cooklin, Garment Technology for Fashion Designers.
- C. K. Karekatti http://en.wikipedia.org/wiki/Six_Sigma ,TQM: Towards Zero Defects
- <http://www.onlineclothingstudy.com/2011/03/what-are-defect-and-defective-pieces.html>
- <http://www.onlineclothingstudy.com/2015/11/what-is-defective-garment-explained.html>
- <http://www.onlineclothingstudy.com/2013/10/what-is-dhu-how-to-measure-dhu.html>

Fashion Sketching

YEAR: III
PART: II
SEMESTER: VI

Total: 12 hrs/w
Theory: 4 hr/w
Practical: 8 hrs/w

Course Description:

This course is designed to provide the students advanced knowledge and concept of free-hand drawing and designs which are done in very short period of time. It focuses on quick sketches which depicts the human body and clothing while maintaining the proportion, tone and proper presentation of design portfolio.

Course Objectives:

After completion of this program, the students will be able:

1. To expertise in free-hand drawing.
2. To learn to use croquis (quick sketches with loose drawing of clothes).
3. To explore their own personal style, using a variety of drawing techniques (different medium of drawing, fabric rendering, and design inspirations).
4. To make the best design portfolio of their own designs.

Course Contents:

	Theory	
1. Nine head croquis		2hrs
a. Definition		
b. Importance		
2. Quick sketch		2hrs
a. Definition		
b. Importance of quick sketches		
3. Basic steps of fashion drawing		4hrs
a. The proportions of the figure (Nine head croqui)		
b. Draw the basic shape of the garment (Silhouette)		
c. Showing the constructional details of garments		
d. Shading		
4. Difference between the normal fashion, figure drawing and quick sketch		2hrs
5. Shading techniques in flat sketches		2hrs
6. Basic technique for skin tone application		2hrs
7. Techniques for drawing different printed or patterned fabric		4hrs
a. Stripes		
b. Floral		

- c. Fur
 - d. Lace
 - e. Beading/Jeweled
 - f. Leather
 - g. Wool
 - h. Denim
- 8. Fashion collection concept and ideas** **4hrs**
 - 9. Tips to draw better fashion sketches** **4hrs**
 - 10. Concept and ideas on how to create fashion design portfolio** **6hrs**

PRACTICAL

- 1) Draw Nine head croqui (in measurement)** **4hrs**
- 2) Draw Nine head croqui (free-hand)** **4hrs**
- 3) Draw Nine head croquis in different poses** **6hrs**
- 4) Draw Nine head croquis in different color mediums** **6hrs**
 - 1) Give Water Color Shading
 - 2) Give Pencil Color Shading
- 5) Draw Nine head croquis in speed coloring techniques** **6hrs**
 - 1) Give Water Color Shading
 - 2) Give Pencil Color Shading
- 6) Apply Speed coloring in flat sketches** **6hrs**
- 7) Draw Quick sketches with different clothing style** **8hrs**
 - 1) Casual (summer and winter)
 - 2) Based on current fashion trend
- 8) Convert normal figure into quick figure (step by step)** **8hrs**
- 9) Draw sketches of fashion collection by using inspirations** **8hrs**
- 10) Design Fashion collection inspired by specified themes** **8hrs**

References

1. Nancy Riegelman (2006), Colors for modern fashion-drawing fashion with colored markers, 9 heads media
2. K. Prakash (2004), Indian fashion design, English edition publishers & distributors Pvt. Ltd. (India)
3. Shankar Modgekar (1998), Figure drawing made easy, grace Prakashan, (Gurgaum, India)
4. ElisabettaDrudi, TizianaPaci (2001), Figure drawing for fashion design, the Pepin press, Amsterdam and Singapore
5. MaiteLafuente, Javier Navarro, Juanjo Navarro (2006), Fashion source poses, Page One Publishing Pvt. Ltd., Singapore/ Mao Mao Publications

Industrial Exposure Program (IEP)

Full Marks: 300

Practical: 12 weeks /480 Hrs

Course Description

The Industrial Exposure Program (IEP) is a 3 months (12 weeks/ 72 working days) program that aims to provide students an opportunity for meaningful career related experiences by working fulltime in real organizational settings where they can practice and expand upon their classroom based knowledge and skills before graduating. It will also help students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

General objectives:

The objective of the IEP is to make students familiar with first hand experience of the world of work as well as to provide them an opportunity to gain skills that are new or not covered in the institute.

COURSE OBJECTIVES

The objective of the IEP is to help students to:

1. Apply knowledge and skills learnt in the classroom to actual work settings or conditions and develop practical experience before graduating.
2. Familiarize with the industry in which the work is done.
3. Work effectively with professional colleagues and get experience of their activities and functions.
4. Develop specific, vocational and personal skills and disciplines related to the job.
5. Strengthen portfolio or resume with practical experience and projects.
6. Develop quality on defining personal career goals.
7. Develop professional/ work culture.
8. Broaden professional contacts and network.
9. Create Enterprise/employment related to the Fashion design.

REQUIREMENTS FOR SUCCESSFUL COMPLETION OF THE IEP:

- Satisfactory completion of 12 weeks (3 months) of the IEP in an approved organization as attested by the concerned official of the organization.
- Preparation and submission of IEP report within 2 weeks of completion.
- Approval of the submitted IEP report by the College's Supervisor.
- At least 60% marks must be secured out of 100.

Activity:

In this program the students will be placed in the job market under the supervision of supervisors in the organizations such Garment, Pashmina, Textile, Fashion Education, Design Store & Boutique, Fashion Event Management, Fashion Media, Fashion Choreography, Beauty and other related industries. The nature of work is practical and the duration is 12 weeks (480

hours). During these program students must be attended at least 3 fashion workshop. The student will be eligible for IEP only after the completion of all classes of the subjects included in the curriculum. IEP should be completed at least 2 weeks before the start of 3rd year six semester final examination of CTEVT. The institute will make arrangement for IEP. The institute will inform the CTEVT at least one month prior to the IEP placement date along with plan, schedule, the name of the students and their corresponding IEP site.

Complete IEP Plan

SN	Activities	Duration	Remarks
1	Orientation	2 days	Before IEP placement
2	Report to the site	1 days	Before IEP placement
3	Actual work at the IEP site	12 weeks/480 hours	During IEP period
4	Mid-term evaluation	one week (for all sites)	After 6 to 7 week of IEP start date
5	Report to the parental organization	1 days	After IEP placement
6	Final report preparation	5 days	After IEP completion
7	Seminar/ evaluation from CTEVT or its nominee (external)	3 days	After 10 days of completion of IEP

- After 6 weeks of IEP placement mid-term evaluation should be made by the institute or jointly with CTEVT.
- After completion of 3 months IEP period, students will be provided with one week period to review all the works and prepare a comprehensive final report.
- IEP seminar date and time will be fixed by the institute after one week of the completion of IEP by making consent with the CTEVT.
- Final evaluation will be made according to the marks at the following evaluation scheme but mid-term evaluation record will also be considered.

Evaluation scheme:

Evaluation and mark distribution are as follows:

S.N	Who does evaluate?	Marks
1	Supervisor of the organization in which the student is placed for IEP	100
2	The Training Institute	100
3	CTEVT or its nominee (external)*	100
	Total	300

** Students are required to secure 50 percent marks in the external examination conducted by CTEVT to pass the course.*