

Study Scheme & Syllabus of B. Voc. (Fashion Design and Garment Technology) Batch 2020 onwards



By

**Board of Studies (Fashion Technology)
Department of Academics**

IKG Punjab Technical University

(SEMESTER I)

Course Code	Course Title	Load Allocation			Marks Distribution			Credit
		L	T	P	Int.	Ext.	Total	
BVFDT101-20	English Communication Skills I	4	0	0	40	60	100	4
BVFDT102-20	Personality and Clothing	4	0	0	40	60	100	4
BVFDT103-20	Garment Technology	4	0	0	40	60	100	4
BVFDT104-20	Pattern Making (Practical)	0	0	6	60	40	100	3
BVFDT105-20	Basics of apparel construction (Practical)	0	0	6	60	40	100	3
BVFDT106-20	Garment construction-I (Practical)	0	0	6	60	40	100	3
BVFDT107-20	Ob Job Training	30 Days			0	200	200	9
Total		12	0	18	300	500	800	30

(SEMESTER II)

Course Code	Course Title	Load Allocations			Marks Distribution			Credit
		L	T	P	Int.	Ext.	Total	
BVFDT201-20	English Communication Skills II	4	0	0	40	60	100	4
BVFDT202-20	Fundamentals of Computer	4	0	0	40	60	100	4
BVFDT203-20	Fashion Merchandising	4	0	0	40	60	100	4
BVFDT204-20	Design Process (Practical)	0	0	6	60	40	100	3
BVFDT205-20	Fashion Illustration (Practical)	0	0	6	60	40	100	3
BVFDT206-20	Garment Construction-II (Practical)	0	0	6	60	40	100	3
BVFDT207-20	On Job Training	30 Days			0	200	200	9
Total		12	0	18	300	500	800	30

B.VOC. (FASHION DESIGN AND GARMENT TECHNOLOGY)

SEMESTER I

THIS SYLLABUS HAS BEEN ALIGNED TO QUALIFICATION PACK: SELF EMPLOYED TAILOR, REFERENCE ID: AMH/Q1947

Self Employed Tailor is a role of self-employed professional tailor who can sew and repair garments, made-ups and home furnishing articles and manage livelihood out of it. The job thus involves taking measurements, cutting fabrics as per measurements and sews with the help of ordinary sewing machines. The person also does alteration work of stitched dress materials to correct fit as per customer's requirements.

Job roles of self-employed tailor:

- Drafting and cutting the fabric.
- Carry out the process of sewing for dress materials and common household items for textiles.
- Carry out inspection and alteration to adjust corrections for fittings.
- Maintain health, safety and security in the tailoring shop.
- Maintain work area, tools and machines.
- Comply with industry, regulatory and organizational requirements.

(SEMESTER I)
ENGLISH COMMUNICATION SKILLS I (BVFD101-20)

SECTION-A

Prescribed Text: *Prose Parables*, Orient BlackSwan, 2013

The following stories are to be studied:

1. Kabuliwallah: Rabindranath Tagore
2. The Eyes are Not Here: Ruskin Bond
3. Grief: Anton Chekhov
4. Uncle Podger Hangs a Picture: Jerome K. Jerome
5. The Doctor's Word: R.K. Narayan
6. Green Parrots in a Cage: Gopi Gauba
7. Dusk: Saki
8. The Face on the Wall: E. V. Lucas

SECTION-B

Writing Skills:

1. Letter Writing: Personal and Official
2. Paragraph Writing

Grammar and Vocabulary

(a) Grammar:

Prescribed Text: *Oxford Practice Grammar* by John Eastwood, Oxford University Press, 2006

1. Ex. 1-20
2. Ex -21-39

(b) Vocabulary:

Prescribed Text: *The Students' Companion* by Wilfred D Best, Harper Collins, Publishers, 2010

1. Antonyms: Pages 128 -130
2. Synonyms: Pages 132-134

Suggested Reading:

1. *The Written Word* by Vandana R Singh, Oxford University Press, 2006

PERSONALITY AND CLOTHING (BVFD102-20)

UNIT-I

1. Introduction to personality Development: Definition, Importance, developing personalities (stages of development- Freudian stages of development)
2. Basic personality traits: values, benefits, Interactions, experiences, environmental influences, the big five dimensions
3. Personality type
4. Personality and Career choice: Matching career and personality, why it matters, self- efficacy.

UNIT: II

1. Changing your personality: Can personality change? Being yourself, being adaptable, Positive attitude, Individuality, Controlling emotions.
2. Personality makeover and clothing: give examples of celebrities who have undergone make over.
3. Clothing and color- Importance of color for different age groups, ceremonies, occasion, occupation etc.
4. Factors affecting selection of clothing.

Reference:

- Horn.H.J.,(1996):Second Skin, A Study in Human Behavior by Marry Show Ryan- New York, Holt Rinehart & Winston.
- Stone. E., In Fashion, Fairchild Books, USA, Second Edition
- Sharon.L.,Harper & Row Pub., Inside Fashion Design, NY.
- Jersey.N.,Frings.S.G.,(1996): Fashion from Concept to Consumer ,Prentice Hall-C.
- Tortora.P.,(2003):Encyclopedia of Fashion Accessories, Fairchild Pub. Inc.
- Castellino.M.,(1994):Fashion Kaleidoscope Rupa & Co.

GARMENT TECHNOLOGY (BVFDT103-20)

UNIT-I

1. Sewing equipments: measuring and marking tools, cutting tools, needles and pins, threads, notions and ironing aids, their maintenance and care.
2. Introduction and handling of sewing machine (manual and electric), its parts, their working and maintenance, different types of sewing machines (simple, treadle, automatic, computerized), threading and bobbin winding.
3. Anthropometry: Landmarks, taking body measurements, study of various sizes and measurements, measurement charts.
4. Sewing defects and their remedies.

UNIT: II

1. Drafting and pattern making techniques: Pattern making terminologies: Pivotal Point, Templates, Block, Landmarks, Blending, Bowing, Trueing, Pattern Grading, Cost sheet, Bust point, Balance, Pattern symbols, Seam allowances, Ease, Bias, Draping, Pattern Plot, Pattern adaptations, Flat paper pattern, commercial paper patterns and grain lines
2. Pattern Alteration: Importance of altering patterns, general principles for pattern alteration, common pattern alterations in a blouse.
3. Pattern Layout and Cutting: Definition, Purpose, Rules in layout, Types of layout, lengthwise striped designs, fabric with bold designs, asymmetrical designs, what can be done if cloth is insufficient, fabric cutting, transferring pattern, marking, stay stitching and ease stitching.
4. Fitting: standards of a good fit, steps in preparing a blouse for fitting, checking the fit of blouse, solving fitting problems in a blouse, fitting techniques

References

- Mullick, P., (2010): Garment Construction Skills, Kalyani Publishers.
- Cheetham, K., Singer, Perfect Plus, Creative Publishing International.
- Ward, W., (2014): The Beginners Guide to dress making, D & C Publishers.
- Abousteit, N. and Lau. J., (2012) : Sewing Vintage Modern, Potter Craft, New York.

PATTERN MAKING (BVFDT104-20)

1. Introduction to pattern making: Review of different methods of developing a pattern, advantages and disadvantages of all the methods.
2. Meaning, purpose and tools of drafting and pattern making.
3. Anthropometric Measurements: Landmarks, taking body measurements, A study of various sizes and measurements, measurement charts.
4. Selection of right size, Pattern, fitting problems, principles of a good fit, alteration of paper patterns.
5. Purpose of Darts.
6. Creation of a bodice block and sleeve block for a child
7. Adaptation of a sleeve block to set-in-sleeves, plain, puff, cap, bell, umbrella, flared
8. Basic skirt block and its adaptation to a-line skirt, added flare, skirt with yoke, tiered skirt, wrap skirt, circular skirt-full and half
9. Adaptation of collars- baby, peterpan, cape, shawl, sailor, mandarian, stand and fell.

References:

- Mullick, P., (2010): Garment Construction Skills, Kalyani Publishers.
- Cheetham, K., Singer, Perfect Plus, Creative Publishing International.
- Ward, W., (2014): The Beginners Guide to dress making, D & C Publishers.
- Abousteit, N. and Lau. J., (2012) : Sewing Vintage Modern, Potter Craft, New York.

BASICS OF APPAREL CONSTRUCTION (BVFD105-20)

1. Making samples of the following:
 - a) Basic hand stitches- basting, tailor's tack, back stitch, hemming.
 - b) Different types of seams and seam finishes: Seams- plain, French, run and fell, lap, piped, counter seam, counter hem
Seam finishes: overcast, double stitched, edge stitched, bound.
2. Fullness treatment:
Tucks- pin, cross, shell, released, group, space Darts- single pointed, double pointed, French Pleats- Knife, box, inverted
3. Facing(biased & shaped) and binding
4. Plackets- two piece, continuous wrap, kurta
5. Application of fasteners- buttons and buttonholes, hooks and eyes, hammer ons
6. Zippers- centered, concealed, lapped
7. Application of different types of trimmings- laces, pipings, bindings, appliqué
8. Pockets- patch, flap, cargo, belt/slit, shirt ,side, kurta
9. Samples of frills and flounces.
10. Samples of Gathers and Ruffles
11. Necklines: Construction and finishing of different types of necklines (facing and binding on different neck shapes)
12. Yokes: one-piece, two pieces, with and without fullness.

References:

- Smith, A., (2019): The Sewing Book, DK Publishers.
- Jeffreys, C., (1996): The Concept Book of Sewing, A practical Step-by-step Guide to Every Technique.
- Eaton, J., (2004): The Encyclopedia of Sewing Techniques, SNP Leefung Printers Ltd.
- Minnetonka, Minnesota, (1996): Singer Sewing Essentials, Cowles Creative Publishing USA.
- Smith, A., (2014): Dress making, Skirts and dresses, A Handy step-by-step Guide, DK Publishers.
- Detrixhe, S., (2004): The Everything Sewing Book, Adams Media, Avon, Massachusetts.

GARMENT CONSTRUCTION-I (BVFDT106-20)

1. Drafting, pattern development and construction of a frock (A-Line/ Gathered)
2. Drafting, pattern development and construction of a kurta (A line/fitted/kalidaar)
3. Drafting, pattern development and construction of a salwar (straight/ Patiala)
4. Drafting, pattern development and construction of a trouser or plazo (narrow, flared)
5. Drafting, pattern development and construction of nightwear (one piece/ two piece).

References

- Armstrong, J., (2004): Draping for Fashion Design, Fair child Publication, New York.
- Zamkoff.B. (1997): Basic Pattern Skills for Fashion Design by Bernard, Fairchild Publication.
- Ernestine. K.,(2006): Design Apparel through Flat Pattern, Cole Publishing Co
- Jersey.N. (1996): Fashion from Concept to Consumer, Prentice Hall C.
- Holman., Pattern Cutting Made Easy: A step by step Introduction, Om Publications
- Sharon.L, Inside Fashion Design, Harper & Row Pub., NY.
- Pamela, C. Stringer., (1995). Pattern Drafting for Dress Making, Augustan Publishers & Distributors, Delhi
- Relis, Nurie, & Jaffe, Hilde, (1993): Draping for fashion Design, Prentice Hall career Technology, New Jersey.

ON JOB TRAINING (BVFDT107-20)

Department Division: 30 days in Sewing Section of Garment House/Garment Manufacturing/Production

Daily Diary/Log book: On daily basis students are required to make entries in the log book as per the assigned duties and responsibilities carried out on daily basis.

Training Report: Students are required to make two copies of training report (hard and soft) covering the Sewing Section involving taking measurements, cutting fabrics as per measurements and sews with the help of ordinary/industrial sewing machines. The person also does alteration work of stitched dress materials to correct fit as per customer's requirements.

B.VOC. (FASHION DESIGN AND GARMENT TECHNOLOGY)**SEMESTER II**

THIS SYLLABUS HAS BEEN ALIGNED TO QUALIFICATION PACK: FASHION DESIGNER,
REFERENCE ID: AMH/Q1201

A Fashion Designer should have the skills and knowledge to develop fashion design briefs and manage the development of design concepts for commercial production. The initial process includes conducting market research and trend analysis for particular season and identifying a theme for the collection; then creating a mood board and color board based on the theme, develop an entire range according to business plan and as per the theme board. After finalizing the range with the team, create technical packages for each style. Work with different teams to create a prototype design based on the technical packages. Evaluation of the sample and documentation of the same is also done by the designer.

ENGLISH COMMUNICATION SKILLS II (BVFD201-20)

SECTION – A

Prescribed Text: *The Poetic Palette*, Orient BlackSwan, 2013

1. Pippa's Song: Robert Browning
2. The Tyger: William Blake
3. Magic of Love: Helen Farries
4. The Charge of the Light Brigade: Alfred Tennyson
5. The Man He Killed: Thomas Hardy
6. Where the Mind is Without Fear: Rabindranath Tagore
7. The Soul's Prayer: Sarojini Naidu
8. The Work of Artifice: Marge Piercy
9. Whose English is it Anyway? John Agard
10. Poetry: Pablo Neruda

SECTION-B

Writing Skills

- a. Résumé writing with covering letter
- b. Report Writing: Analytical and Action Report

Grammar and Vocabulary

(a) Grammar:

Prescribed Text: *Oxford Practice Grammar* by John Eastwood, Oxford University Press, 2006 1. Ex. 76-96

(b) Vocabulary:

Prescribed Text: *The Students' Companion* by Wilfred D Best, Harper Collins Publishers, 2010

1. Antonyms: Pages 131 -132
2. Synonyms: Pages 135-136

FUNDAMENTALS OF COMPUTER (BVFDT202-20)

UNIT: I

1. Introduction to computer: Block diagram of a computer, characteristics of computers and Generations of computers, Types of Software and Hardware.
2. Input/Output Devices, Memories: Main Memories – RAM, ROM and Secondary Storage Devices, hard disk, Compact Disk, DVD, Portable devices.
3. Computer Languages: Machine language, assembly language, high level language, Introduction to 4GL
4. Operating System; Introduction to windows, linux, MAC, Software Installation, Driver Installation, Working with control Panel, Window installation, Applications of Information technology and Trends: Business and industry, Education & training, Science & technology, IT & Entertainment, Current trends in IT, Introduction to Internet, Web Browser, Email.

UNIT: II

1. Number System: Introduction to number system, Concept of Bit & Byte, Binary, Decimal, hexadecimal, Octal systems and operations.
2. MS Word: Introduction, Menus, Shortcuts, Document types, Working with documents, Opening, Saving, Closing, Editing Document, Using toolbars, Formatting Documents- Setting font, paragraph, Spell check, Mail merge.
3. MS Power Point: Introduction, Presentation templates, presentation layout, creating presentation, setting presentation style, adding text, Formatting- Adding style, color, gradient fills, arranging objects.
4. MS Excel: Introduction, Spread sheet application, Menus, Toolbars and icons, Spreadsheet Opening, saving, closing, setting margins, spread sheet addressing, find, search, replace, inserting data cells, columns, rows and sheet, Computation Data, Setting formula.

References:

1. P S Salaria, Computer Fundamentals, Khanna Books Publishing Co. (P) Ltd.
2. P.K. Sinha and P.Sinha, Foundations of Computing, First Edition, BPB latest Edition.
3. Edward G. Martin, “Discovering Microsoft Office 2016”, Wiley Custom learning Solutions.
4. V. Rajaraman and Neharika Adabala, Fundamentals of Computer, 6th edition, PHI Learning Pvt. Ltd.
5. Kate Shoup, “Teach Yourself Visually Office 2010”, Visual.

FASHION MERCHANDISING (BVFD203-20)

UNIT-I

1. Introduction to Retail, Marketing, Management and Merchandising, terminologies
2. Brand building-Introduction, strategies, image building, brand expansion, global trends
3. Marketing – Types, Four P's, Fashion promotion advantages, Trade shows, Market weeks, exhibitions, Fashion shows, Market survey and research
4. Types of merchandising, concepts, merchandise planning, sampling- Importance, counter sample.

UNIT-II

1. Fashion retailing-History, Scope, Importance, Types (Domestic and International), techniques, channel of distribution.
2. Visual Merchandising-Interior, exterior window display, store planning and layout- fixtures, location, lighting, dressing, props and promotions, masking and proscenia, mannequins and three dimensional dressing.
3. Retail merchandising, concept, quick response, Just –in-Time, merchandiser calendar, trend analysis, forecast analysis, concepts of apparel product line, planning, directing, coordinating and controlling.
4. Introduction to customer relationship management, measuring customer relationship, management, customer response, satisfaction, loyalty, customer relation and complaint.

Suggested Readings

1. Stone, Elaine. & Samples, J.A., Fashion Merchandising, Mc Graw Hill Book Co. New York
2. Swanson, Kristen K. & Everett, Judith C., Promotion in the Merchandising Environment, Fairchild Publications, New York.2000.
3. Rosenau, J. A., Wilson David L. David., Apparel Merchandising-The line starts here, Fairchild publications, New York.2006
4. Mehta, Pradeep., Managing Quality in the Apparel Industry, New Age International Pvt. Limited,2004
5. Green, Wood., Fashion Innovation and Marketing, Macmillan Press Ltd. London, 2003.
6. Kotler, P. Principles of Marketing, Prentice Hall, 2003.
7. Easey, M., Fashion marketing, Black well sciences Ltd., London, 1995.
8. Marketing management by Dr. Amit kumar.
9. Marketing management: Indian context Global perspective by V.S. Ramaswamy.
10. Marketing management by Rajan Saxena.
11. Marketing Management by R.S.N. Pillai and bagavathi.

DESIGN PROCESS (BVFDT204-20)

1. Design: Definition and importance.
2. Elements of design – line, shape, colour, size, texture, light, space
3. Principles of design – Balance, Rhythm, emphasis, harmony & proportion.
4. Colour : Classification, Color theories, Dimensions of color- Hue, Value & Intensity, Color schemes and color selection.
5. Structural and decorative design, types of design – natural, stylized, geometrical, and abstract.
6. Design process: Theme board, Inspiration board, Mood board, Color palette,
7. Fabric board, Specification sheet/ Tech. Packs, Illustrations.
8. Surface ornamentation: Introduction to various embellishments (Dyeing, printing, embroidery, etc.)
9. Understanding Fashion forecast from journals and magazines.
10. Presentation of any one article with detailed design concept.

References:

1. Gold Stein, "Art in Every day life", IBH Publishing Co, Calcutta, 1992
2. Ireland, Patrick John, "Fashion Drawing and Presentation", B.T. Batsford, London, 1996.
3. Elizabeth Drudi, T Pack, "Figure Drawing for Fashion", The Pepin Press
4. Allen and Seaman, "Fashion Drawing- the Basic Principles", B.T. Batsford, London, 1994.
5. Seaman, Julian, "Professional Fashion Illustration", B.T. Batsford, London, 1995.
6. Drake and Nicholas, "Fashion Illustration", Thames and Hudson, London, 1994
7. Abling Bina, "Fashion Sketch Book".

FASHION ILLUSTRATION (BVFD205-20)

1. To depict the following features of fashion based on the fashion forecast and to produce fashion illustrations on given themes.
2. Rendering: Different Fabrics (chiffons, crepes, denims, tweeds, corduroy, ikat, tie and dye fabrics, satin, spandex, laces and nets etc.), Colours and Textures.
3. Creation of textile prints starting from one motif leading towards print designs. Using the repeat in accessories for example: Scarves, stoles/ dupattas, mufflers etc.
4. Creating surfaces with emphasis on using various ornamentation techniques and making final collection of 5-7 varieties of textiles for articles. (theme based)
5. Fashion figure: 8 heads.
6. Depicting various silhouettes on fashion figures.
7. Illustrating Garment details- pockets, sleeves, yokes, skirts, trousers, tops etc.
8. Illustrating the detail of pleats, tucks, darts, yokes and godgets.
9. Detailing of hemlines and edgings.
10. Illustrating different types of fastenings, trimmings and accessories.
11. Illustrating details of ruffles, cowls, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces.

This may involve sheet work, making of fabric lengths or garments.

References

1. Fashion Drawing—the Basic Principles by Anne Allen & Julian Seaman-B.T. Batsford,London.
2. Fashion Design Drawing & Presentation by Patrick John Ireland, 4th Edition, New Delhi, Om, 2005
3. Fashion Design Illustration Children by Patrick John Ireland- London, B.T. Batsford, 1995.
4. Illustrating Fashion by Kathryn Mckelvey & Janine Munslow-Blackwell Publishing Co.USA, 2007
5. New Fashion Illustration by Martin Dawber- Singapore: Page One-2005.
6. Fashion Source Book by Kathryn Mc Kelvey- 4th Edition, New Delhi, Om, 2005.
7. Fashion Sketchbook by Bina Abling, 4th Edition, New Delhi, Om, 2005.

GARMENT CONSTRUCTION II (BVFD206-20)

1. Material exploration: fabrics, elements of design, accessories, notions.
2. Illustrate final concept with details: Specification sheet (knowledge on sewing and pattern making techniques to make tech packs), mood and story.
3. Final garment cost calculation (Cost sheet)
4. Presentation of complete design process through sheet work.
5. Development of final garment (with minimum 3 variations).
6. Evaluation of the sample.
7. Exhibit/ Showcase.

References

1. Armstrong, J., *Draping for Fashion Design*, Fair child Publication, New York.2004
2. *Basic Pattern Skills for Fashion Design* by Bernard Zamkoff, 1997, Fairchild Publication
3. Ernestine Koff, *Design Apparel through Flat Pattern*, 2006, Cole Publishing Co
4. *Fashion from Concept to Consumer* by Gini Sterphens Frings, N. Jersey, Prentice Hall C,1996.
5. Holman., *Pattern Cutting Made Easy: A step by step Introduction*, Om Publications
6. *Inside Fashion Design* by Sharon Lee, Harper & Row Pub., NY.
7. Pamela, C. Stringer., (1995). *Pattern Drafting for Dress Making*, Augustan Publishers & Distributors, Delhi
8. Relis, Nurie., & Jaffe, Hilde., *Draping for fashion Design*, Prentice Hall career Technology, New Jersey.1993.

ON JOB TRAINING (BVFDT-207-20)

Department Division: 30 days in Design House of Garment Manufacturing/Production Industry

Daily Diary/Log book: On daily basis students are required to make entries in the log book as per the assigned duties and responsibilities carried out on daily basis.

Training Report: Students are required to make two copies of training report (hard and soft) covering the Design Section **involving** developing fashion design briefs and design concepts for commercial production. create techpack for different style. Evaluation of the sample and documentation.