

## **UNIT DESCRIPTIONS**

### **HFD 801      Statistics**

Description and inferential statistics to include parametric and non-parametric statistics and their use in data analysis and hypothesis testing. Graphic presentation of data. Multi-variant tabular analysis, computer application in statistics analysis.

### **HFD 804      Advanced Fashion Design**

Execution of original designs from sketch to finished product for women and girls' clothing and accessories. Design orientation for market size range styles to industrial patterns. Computer designing (CAD/CAM) applications. Industrial template technique in designing.

### **HFD 806      Creative Fashion Design**

Creativity with designs and different fabrics. Fashion designs for different occasions and cultures. Evaluation of construction techniques as related to fabric geometry, garment appearance and serviceability.

### **HFD 807      Advanced Interior Design**

Design decisions, planning, decorating and designing of interior space. Interior design practical experience. Design problem-solving utilizing systematic design methodology and projects. Multi-family housing. Commercial and institutional environments. Design policy analysis and codes.

### **HFD 808      Computer Applications to Fashion Design**

Computer applications in the fashion design. Scanners, graphic tables, pens, digital cameras, video and print techniques in production of designs of fabric and fashions. Product illustration, product promotion and marketing.

### **HFD 810      Production Management and Work Study**

Production function. Implications for production management. Loading schedule. Production and sewing room systems. Assembly lines and line balancing. Techniques for work measurement. International symbols and abbreviations used on time/work study sheets. Pre-determined Motion Time System (PMTS). Performance scales and rating.

**HFD 812      Technology and E-Commerce in Fashion Marketing**

E-Commerce. Marketing fashion products using computers. Planning and control of Textile products. Exporting, product promotion and marketing. Technologies in the fashion industry. The four phase model of technology implementation; initiation, planning, application and consolidation. Investment appraisal techniques. Technical and financial appraisal of technologies in fashion marketing and distribution.

**HFD 814      Art and Design**

Art history. Sources of creativity and inspiration: events, experiences, ideas, and information. Practical activities in art and surface and graphic design. Environmental issues in art. Project in an art and design: fashion, textile, interior and other product design..

**HFD 815      Costume Design**

Originality in designing costumes. Designing clothing for special occasion, performing arts and cultural activities. Conventional and non- conventional materials. Challenges in practical use of the items and viability of costumes.

**HFD 816      Designing for Special Groups**

Functions and aesthetics analysis of clothing needs across the life span. Designing clothing for people across the life span and those whose abilities and work occupations create special needs. Application of various design methods: flat pattern, draping and the dress form for special groups such as the elderly, children and handicapped among others.

**HFD 817      Fashion Promotion**

Promotion techniques and displays of fashion themes. Modeling for different customer groups: private customers, commercial buyers, pattern companies, press representatives and trade shows. Design portfolio presentation and exhibition for galleries, industries, advertising media and museums.

**HFD 819      Socio Psychology Of Clothing**

Key concepts and terminologies. Fashion theory and process. Origins, functions, theories and motives of dress and adornment. Clothing, self-appearance and identity. Dress and collective behavior. Clothing and social construction of gender. Clothing for special groups such as the handicapped. Local and international fashion trends and related issues.

**HFD 820      Entrepreneurship in Applied Sciences**

Entrepreneurship in national development. Entrepreneur: characteristics and competencies. Entrepreneurship model. Business creation, organisation and management in the fashion design and marketing. Business plan. Entrepreneurship and innovation. Policy issues. Practical applications.

**HFD 821      Textile Science**

Mechanical and physical properties of textile materials which influence the garment manufacturing processes. Fabric performance as it affects use and serviceability. Physiological aspects of textiles. Studies relating to the transmission of moisture/water through textiles, heat retention, and wind resistance of garment assembly. Specification of materials, quality control and computer aided production techniques.