

# **BSc (Hons) Fashion Technology (minor: Entrepreneurship) F/T – E307 (Under Review)**

## **1. Context and Objectives**

The textile industry has historically been the cradle of major developments in technology, manufacturing methods, management principles and entrepreneurial strategies. Locally, the textile and apparel industry has, over several decades, been a great employer of graduates in numerous fields from technical to managerial and it still remains a significant provider of high technical skilled and managerial job for our youth at the supervisory and middle-management level. Besides, the revenue generated by the small, medium and large textile enterprises is considered to be an important contributor to the Mauritian economy. The Fashion Technology (minor: Entrepreneurship) degree program aims at fulfilling two current human resource needs of the country: (i) producing graduates with a sound and coherent understanding of the technological and managerial aspects of the various chains of the textile and apparel production (ii) producing young people with the potential of becoming job creators in the short to medium term in various textile and non-textile related areas. Graduates may either opt for a career in the textile and apparel industry or consider setting up micro-businesses, small enterprises and support services that supplement and sustain the textile and apparel industry. The provision of skilled workforce would allow the textile and fashion apparel industry to consolidate itself and flourish by maintaining high productivity and quality standards. The integration of latest technologies and techniques of manufacturing and the application of sophisticated logistics for the timely supply of products are critical for the industry to remain competitive in such a global marketplace. On the other hand, those who opt to become entrepreneur in the field of textile, fashion, and apparel would help to support the industry at large and generate further revenue for the economy.

The aim of this programme is to produce graduates with a broad-based knowledge of production technology of textile and apparel along with the knowledge and skills necessary to launch enterprises that directly or indirectly support the textile, fashion, and apparel industry.

### **Objectives**

- i. To understand theoretical and practical aspect of fashion and design, textile production and technological processes, business enterprise and their interactions;
- ii. To develop skills, knowledge and understanding as applicable to work within the Mauritian textile and apparel industry;
- iii. To develop, manage ideas and associated technologies in textile and apparel design projects;
- iv. To enhance the ability to harness design, innovation and problem solving skills within the context of a business strategy and an organisational framework;
- v. To be able to view entrepreneurship as a desirable and feasible career option;
- vi. To carry out research effectively by identifying, assimilating, interpreting and applying technical, market and business information through sound and innovative research methods.

## **2. Learning Outcomes**

- Acquisition of basic and advanced knowledge in the area of textile materials and their technological processes;
- Ability to develop creative skills in the field of garment design and making;
- Demonstration of value addition from self-learning and extra learning;
- Ability to apply knowledge acquired to real world contexts;
- Development of critical and analytical skills;
- Development of communication skills and the acquisition of the subject jargon;
- Capability to work in groups and harness the team spirit.

### 3. Teaching and Learning Methods

Monological explanation (Lecture, presentation, briefing);  
Practical sessions, Lab work;  
Working on assignments;  
Sitting for Class Tests and preparation time for same;  
Sitting for Examinations and preparation time for same;  
Group work;  
Fieldwork;  
Site Visits/Trips;  
Presentations among peers;  
Experiential Learning;  
Placements/Internships;  
Guest lectures.

6 (LCCS) credit point standardized as detailed below:

- Teaching contact hours- 30 hours
- Self-Study – 60 hours
- Other learning activities- 90 hours

Total- 180 hours (notional learning hours)

### 4. Entry Requirements

**General-** as per admission to the University for Undergraduate Degrees.

**Programme-** Any 2 GCE ‘A’ Level Passes. A Foundation in Art, Design & Technology or in a design-related subject awarded by a recognised awarding body is also acceptable as NQF level 5

OR alternative qualifications acceptable to the UoM

### 5. Programme Duration: Full-Time

	<b>Normal (Years)</b>	<b>Maximum (Years)</b>
Degree:	3	5

6. (i) **Minimum Requirements for Degree Award** – 194 LCCS credits

(ii) **Minimum Requirements for exit with a Diploma** – 120 LCCS credits

A student may exit with a Diploma award provided s/he satisfies the following minimum requirements, as given hereunder. The request for exit at the Diploma level should be made in writing to the Dean of Faculty. A Diploma project is compulsory and would normally be of 12 weeks duration, commensurate with work input of at least 90 contact hours. Diploma Project carries 10 LCCS credits.

## Minimum LCCS Credits Required for the Award

MODULES	Minimum LCCS Credits Required	
	Degree	Diploma
Management	12	12
Entrepreneurship	12	6
Technology & Engineering	24	12
Departmental	116	90 (including 10 credits for Diploma Project)
Management (Elective)	12	
Entrepreneurship (Elective)	12	
Departmental (Elective)	6	
<b>TOTAL</b>	<b>194</b>	<b>120</b>

### LCCS Credits per Year

Minimum 12, Maximum 96, subject to Regulations 6 above.

## 7. Assessment & Deadlines

### Examinable Modules

A given module can either be taught in semester 1 only or in semester 2 only or throughout the two semesters.

Assessment will be based on a written examination of 2 to 3-hour duration (normally a paper of 2-hour duration for modules carrying less or equal to 12 LCCS credits and a 3-hour paper for modules carrying twelve or more credits) and on continuous assessment carried out during the semester or year.

Written examinations for all yearly modules will be carried out at the end of the academic year. Written examinations for semester modules will be carried out at the end of each respective semester.

The continuous assessment will count for 40%-50% of the overall percentage mark of the module(s), except for a Programme where the structure makes for other specific provision(s). Continuous assessment may be based on laboratory work, seminars and at least 2 assignments/tests per year per module.

There will be a compulsory class test for all semester modules, unless otherwise stated in the programme structure. An overall total of 40% for combined continuous assessment and written examination components would be required to pass the module, without any minimum thresholds within the individual continuous assessment and written examination. The same criterion will apply for modules being assessed jointly.

### **The following modules will be assessed as specified hereunder:**

DASE 1107(1) Apparel Construction 1; DASE 1204(3) Pattern Drafting System 1; DASE 1001 Y(3) Fashion Design Principles; DASE 2109(3) Software Applications for Fashion Design; DASE 2208(3) Computer Aided Design for Apparel; DASE 2209(3) Creativity & Innovation in Design; DASE 3105(3) Start Up Business Plan.

There will be a minimum of 3 assignments and 1 mini-project per yearly module, and a minimum of 1 assignment and/or 1 mini-project per semester module, which will account for 60% of total marks. A

final assessment based on 40% of total marks will be conducted at the end of the semester/ year by the resource person concerned under examination conditions.

Special examinations will be arranged at the end of semester 1 or semester 2 for exchange students who have registered for only one semester. In case of yearly modules, credits will be assigned on a pro-rata basis.

### 8. List of Modules – BSc (Hons) Fashion Technology (minor: Entrepreneurship)

Code	Module Name	LCCS Credits
<b>Management</b>		
MGT 1117(1)	Principles and Practice of Management	6
MGT 2253(3)	Business Communication and Effective Negotiation	6
MGT 1102(1)	Fundamentals of Entrepreneurship	6
DASE 2108(3)	Small and Medium Textile Enterprise Management	6
<b>Technology &amp; Engineering</b>		
DASE 2109(3)	Software Applications for Fashion Design	6
DASE 2208(3)	Computer Aided Design for Apparel	6
DASE 2002Y(3)	Quality Concepts in Textile Industry	12
<b>Departmental</b>		
DASE 1105(1)	Textile Materials	6
DASE 1106(1)	Yarn Production	6
DASE 1107(1)	Apparel Construction I	4
DASE 1203(1)	Garment Technology	6
DASE 1204(3)	Pattern Drafting Systems I	6
DASE 1205(3)	Fabric Production	6
DASE 1206(3)	Textile Statistics	6
DASE 1001Y(3)	Fashion Design Principles	12
DASE 1200(1)	Industrial Placement I	8 weeks
DASE 2107(3)	Product Performance and Evaluation	6
DASE 2209(3)	Creativity and Innovation in Design	6
DASE 2003Y(5)	Textile Colouration and Finishing	12
DASE 2200(3)	Industrial Placement II	8 weeks
DASE 3103(3)	Fashion Merchandising	6
DASE 3105(3)	Start Up Business Plan	6
DASE 3004Y(5)	Apparel Production Planning & Control	10
DASE 3006Y(5)	Dissertation	18
<b>TOTAL</b>		<b>116</b>
<b>DEPARTMENT</b>		
DASE 2002(3)	Diploma Project (12 weeks)	10
<b>LCCS Credits</b>		
<b>Code</b>	<b>Module Name</b>	<b>LCCS Credits</b>
<b>Management</b>		
ACF 1000(1)	Accounting for Financial Decision-Making	6
MGT 1226(1)	Economics for Managers	6
MGT 2086(3)	Marketing in Practice	6

**Entrepreneurship**

DASE 2210(3)	Sustainable Practices for Textile Industry	6
MGT 2087(3)	Corporate Ethics and Good Governance	6
MGT 3087Y(5)	Strategic Management & Entrepreneurial Strategies	12

**Department**

DASE 3102(3)	Technical Textiles	6
DASE 3202(3)	Ethics, Fair Trade & Sustainability in the Textile Supply Chain	6

**9. Programme Plan**

YEAR 1					
SEMESTER CORE MODULES					
Semester 1			Semester 2		
Code	Module Name	LCCS Credits	Code	Module Name	LCCS Credits
DASE 1105(1)	Textile Materials	6	DASE 1203(1)	Garment Technology	6
DASE 1106(1)	Yarn Production	6	DASE 1204(3)	Pattern Drafting Systems I	6
DASE 1107(1)	Apparel Construction I	4	DASE 1205(3)	Fabric Production	6
MGT 1102(1)	Fundamentals of Entrepreneurship	6	DASE 1206(3)	Textile Statistics	6
MGT 1117(1)	Principles and Practice of Management	6			
SEMESTER ELECTIVE MODULE					
			MGT1226(3)	Economics for Managers	6
YEARLY CORE MODULES					
Code	Module Name				LCCS Credits
DASE 1001Y(3)	Fashion Design Principles				12
DASE 1200(1)	Industrial Placement I				8 weeks
<b>Sub-Total Number of LCCS Credits Yr 1 = 70</b>					

<b>YEAR 2</b>					
<b>SEMESTER CORE MODULES</b>					
<b>Semester 1</b>			<b>Semester 2</b>		
<b>Code</b>	<b>Module Name</b>	<b>LCCS Credits</b>	<b>Code</b>	<b>Module Name</b>	<b>LCCS Credits</b>
DASE 2107(3)	Product Performance and Evaluation	6	DASE 2208(3)	Computer Aided Design for Apparel	6
DASE 2108(3)	Small and Medium Textile Enterprise Management	6	DASE 2209(3)	Creativity & Innovation in Design	6
DASE 2109(3)	Software Applications for Fashion Design	6	MGT 2253(3)	Business Communication and Effective Negotiation	6
<b>SEMESTER ELECTIVE MODULE</b>					
ACF 1000(1)	Accounting for Financial Decision Making	6	DASE 2210(3)	Sustainable Practices for Textile Industry	6
MGT 2087(3)	Corporate Ethics and Good Governance	6	MGT 2086(3)	Marketing in Practice	6
<b>YEARLY CORE MODULES</b>					
<b>Code</b>	<b>Module Name</b>				<b>LCCS Credits</b>
DASE 2002Y(3)	Quality Concepts in Textile Industry				12
DASE 2003Y(3)	Textile Colouration & Finishing				12
DASE 1200(1)	Industrial Placement II				8 weeks
<b>Sub-Total Number of LCCS Credits Yr 2 = 78</b>					

<b>YEAR 3</b>					
<b>SEMESTER CORE MODULES</b>					
<b>Semester 1</b>			<b>Semester 2</b>		
<b>Code</b>	<b>Module Name</b>	<b>LCCS Credits</b>	<b>Code</b>	<b>Module Name</b>	<b>LCCS Credits</b>
DASE 3103(3)	Fashion Merchandising	6			
DASE 3105 (3)	Start Up Business Plan	6			
<b>SEMESTER ELECTIVE MODULE</b>					
DASE 3102(3)	Technical Textiles	6	DASE 3202(3)	Ethics, Fair Trade & Sustainability in the Textile Supply Chain	6
<b>YEARLY CORE MODULES</b>					
<b>Code</b>	<b>Module Name</b>				<b>LCCS Credits</b>
DASE 3004Y(5)	Apparel Production Planning & Control				10
DASE 3006Y(5)	Dissertation				18
<b>YEARLY ELECTIVE MODULE</b>					
MGT 3087Y(5)	Strategic Management & Entrepreneurial Strategies				12
<b>Sub-Total Number of LCCS Credits Yr 3 = 46</b>					
<b>GRAND TOTAL = 194</b>					