FASHION DESIGN
Curriculum Guide for Academic Year 2021-2022

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Students planning to **transfer** to a four-year college or university should refer to the ASSIST web site at www.assist.org and **consult a counselor** before beginning a program of study. Please call 562-938-4561 for the LAC, or 562- 938-3920 for PCC to set up a meeting with a counselor. Students may also wish to visit the Transfer Center on either campus.

Program of study leading to:
Associate in Science (A.S.) Degree

REQUIRED ENTRY LEVEL COURSES:

		UNITS	In Progress	Completed Grade
FD 3	Intro. to Careers in Design /Merchandising	2		
FD 5	Product Development	2		
FD 9	Clothing Selection	3		
FD 10	Textile Fibers and Fabrics	3		
FD 20	Introduction to Fashion Industry	3		
FD 21 **OR**	Quick Sketch Croquis Drawing **OR**	2 **OR**		
FD 215	Fashion Sketching I	2		
FD 24	Fundamentals of Apparel Construction	3		
FD 25	Intermediate Apparel Construction	3		
FD 36	Flat Pattern Drafting (F)	3		
FD 37	Pattern Draping	3		
FD 38A	Fashion Design I (SP)	3		
FD 38B	Fashion Design II (F)	3		
FD 45	Digital Fashion Illustration	3		
FD 46	Advanced Digital Fashion Illustration	1.5		
	Subtotal Entry Level Units	**37.5**		

IN ADDITION, COMPLETE THRE AND ONE HALF to FOUR (3.5-4) units:

		UNITS	In Progress	Completed Grade
FD 27	Production Sewing	1.5		
FD 32	History of Fashion	3		
FD 41	Fashion Promotion	2.5		
FD 200	Trend Forecasting	1		
FD 216	Fashion Portfolio Development	2		
FD 271WE	Work Experience – Fashion Design	1-4		
	Subtotal Units	**3.5-4**		
	TOTAL UNITS	**41-41.5**		

For graduation with an **Associate in Science (A.S.) Degree with a major in Fashion Design:**

1. **Minimum Unit Requirements: §**Any course that appears on a curriculum guide and the General Education Pattern (Plan A) may fulfill both major and general education requirements (Approved by College Curriculum Committee Spring 2012). For this degree, complete a minimum of 60 units in courses numbered 1-599. Please note that additional elective units may be required to meet this minimum based upon courses selected to fulfill General Education for the Associate Degree

Fashion Design Major	41-41.5 units
General Education/A.A.§	25 units

2. **Scholarship:** Maintain an **overall grade point average (GPA) of 2** ("C" average) based on all accredited college work applied to the degree, no matter where completed. For this **field of concentration, complete each course above** with a **grade of "C" or better**, or "P" if course is graded on a P/NP basis, and **minimum GPA in the concentration of 2.5**.

3. **Residence for the Degree:** Complete at least 12 semester units of the required 60 semester units in residence at Long Beach City College in order for the college to grant an Associate of Arts and/or an Associate of Science Degree.

Fashion Design: AS = 1324; C-ACH = 3324, Fashion Design: Patternmaker: C-ACH=3319,   Edited: 05/04/22
Fashion Design: Samplemaker C-ACH=3323; C-COMP = 4323; C-COMP = 4324; C-COMP = 4325; C-COMP = 4326
Departmental Phone: 562-938-4192 or 938-4336; e-mail: pknights@lbcc.edu or dhabberfield@lbcc.edu
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4. **Residence for the Field of Concentration**: Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 20.5-20.75 units** of the required 41-41.5 must be **completed at Long Beach City College**. Credit earned by exam, where applicable, may be included.

5. **General Education and Proficiency Requirements:** Complete the required A.A./A.S. General Education and Proficiency requirements*, otherwise known as "Plan A". For Plan A requirements, refer to the general catalog or view it online at http://osca.lbcc.edu .

6. Complete and submit the degree application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.

*The requirements for general education/proficiency and the field of concentration (major) need to be from the same catalog year. This catalog year may be any year between the year of initial enrollment to the present, provided continuous enrollment is maintained throughout. See the catalog for definition of "continuous enrollment".

Program of study leading to:
<u>Certificate of Achievement: Fashion Design</u>

REQUIRED ENTRY LEVEL COURSES:		UNITS	In Progress	Completed Grade
FD 5	Production Development	2		
FD 10	Textile Fibers and Fabrics	3		
FD 24	Fundamentals of Apparel Construction	3		
FD 25	Intermediate Apparel Construction	3		
FD 27	Production Sewing	1.5		
FD 32	History of Fashion	3		
FD 36	Flat Pattern Drafting	3		
FD 37	Pattern Draping	3		
FD 38A	Fashion Drawing I	3		
FD 38B	Fashion Drawing II	3		
FD 38C	Fashion Drawing III	3		
FD 39	Garment Technical Packages	1		
FD 41	Fashion Promotion	2.5		
FD 45	Digital Fashion Illustration	3		
FD 46	Advanced Digital Fashion Illustration	1.5		
FD 200	Trend Forecasting	1		
FD 216	Fashion Portfolio Development	2		
FD 258	Swimwear	1		
FD 271WE	Work Experience	1-4		
	Subtotal Units	**43.5-46.5**		

Complete TWO (2) units from the following:

FD 21	Quick Sketch Croquis Drawing	2		
FD 215	Fashion Sketching I	2		
	Subtotal Units	**2**		

IN ADDITION, compete THREE (3) units from the following:

FD 3	Intro to Careers in Design/Merchandising	2		
FD 9	Clothing Selection	3		
FD 20	Introduction to Fashion Industry	3		
FD 26	Advanced Sewing and Tailoring Techniques	2		
FD 213	Textile Surface Design	1		
	Subtotal Units	**3**		
	TOTAL UNITS	**48.5-51.5**		

For the **Associate in Science and Certificate of Achievement**, the following courses are recommended, **BUT ARE NOT REQUIRED** to earn.

Course	Title	Units		
ART 1 OR 2	Art & Civilization	3		
ART 15	Beginning Drawing	3		
ART 41	Intro to Computergraphics	3		
FD 23	Fashion/Merchandise Buying	3		
FD 213	Textile Surface Design	1		
FD 230	Fashion Design Laboratory	.5		
FD 231	Fashion Design Lab – Garment Closures	.5		
FD 240	Fashion Show Promotion and Management	2.5		
IBUS 20	Export-Import Business Practices	3		
MKTG 40	Salesmanship	3		
MGMT 80	Small Business Entrepreneurship	3		

Suggested Sequence of Classes

This is not an educational plan, as course offerings, student schedules, and circumstances vary. Students must meet all the prerequisites in order to be eligible for the sequence of courses.

A suggested, full-time sample sequence of courses to meet the unit requirement for the Career Certificate includes:

First Semester	Units		Second Semester	Units		Third Semester	
COSA 1	1		FD 9	3		FD 244	1
FD 3	2		FD 32	3		FD 45	3
FD 10	3		FD 37	3		FD 37	3
FD 24	1.5		FD 38A	3		FD 5	2
FD 27	1.5		FD 200	1		FD 5	2
FD 36	3		FD 25 **OR** FD 26	1.5 **OR** 2		**Semester Total**	9
FD 21 **OR FD 215**	2		**Semester Total**	**14.5 – 15**			
Semester Total	**12.5**						

Fourth Semester	Units		Fifth Semester	Units
FD 38C	3		FD 38D	3
FD 40	1.5	▲	FD 27	1.5
FD 41	2.5		FD 39	1
FD 216	2		FD 231	1.5
FD 230	.5		FD 240	.5
FD 271WE	1-4		FD 271WE	1-4
Semester Total	**10.5-13.5**		**Semester Total**	8.5-11.5

Program of study leading to:
Certificate of Achievement—Fashion Design: Custom Apparel Design

REQUIRED ENTRY LEVEL COURSES:		UNITS	In Progress	Completed Grade
FD 9	Clothing Selection	3		
FD 10	Textile Fibers and Fabrics	3		
FD 24	Fundamentals of Apparel Construction	3		
FD 25	Intermediate Apparel Construction	3		
FD 26	Advanced Sewing and Tailoring Techniques	3		
FD 27	Production Sewing	1.5		
FD 36	Flat Pattern Drafting	3		
FD 37	Pattern Draping	3		
FD 38A	Fashion Design I	3		
FD 38B	Fashion Design II	3		
	Subtotal Entry Level Units	**27.5**		

IN ADDITION, complete TWO to Three (2-3) units from the folowing:

FD 21	Quick Sketch Croquis Drawing	2		
FD 45	Digital Fashion Illustration	3		
	Subtotal Units	**2-3**		

IN ADDITION, complete a minimum of FIVE (5) units from the following: UNITS

		UNITS		
FD 38C	Fashion Design III	3		
FD 213	Textile Surface Design	1		
FD 258	Swimwear	1		
◆ FD 271WE	Work Experience-Fashion Design	1-4		
GBUS 25	Digital and Social Media	3		
MGMT 80	Small Business Entrepreneurship	3		
	Subtotal Advanced Level Units	**5**		
	TOTAL UNITS	**34.5-35.5**		

For graduation with a **Fashion Design: Custom Apparel Design Certificate of Achievement:**
1. Complete each of the **REQUIRED COURSES** with a **minimum grade of** "**C**" and a cumulative grade point average of 2.5.
2. Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 17.25-20.25 units** of the required 34.5-35.5 must be **completed at Long Beach City College**. Credit earned by exam, where applicable, may be included.
3. *Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.*

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Fashion Design: Samplemaker C-ACH=3323; C-COMP = 4323; C-COMP = 4324; C-COMP = 4325; C-COMP = 4326
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Certificate of Achievement—Fashion Design: Patternmaker/Technical Design

REQUIRED ENTRY LEVEL COURSES:		UNITS	In Progress	Completed Grade
FD 3	Intro. to Careers in Design & Merchandising	2		
FD 5	Product Development	2		
FD 10	Textile Fibers and Fabrics	3		
FD 24	Fundamentals of Apparel Construction	3		
FD 25	Intermediate Apparel Construction	3		
FD 27	Production Sewing	1.5		
FD 36	Flat Pattern Drawing	3		
FD 37	Pattern Draping	3		
FD 38A	Fashion Design I	3		
FD 39	Garment Technical Packages	3		
FD 40	Advanced and Production Pattern Drawing	1.5		
FD 45	Digital Fashion Illustration	3		
FD 244	Computer Patternmaking	1		
	Subtotal Units	**30**		

IN ADDITION, complete FOUR (4) units from the following:				
COSA 1	Computer Information Competency	1		
FD 9	Clothing Selection	3		
FD 20	Introduction to the Fashion Industry	3		
FD 21	Quick Sketch Croquis Drawing	2		
FD 38B	Fashion Design II	3		
FD 46	Advanced Digital Fashion Illustration	1.5		
FD 271WE	Work Experience	3		
	Subtotal Units	**4**		
	TOTAL UNITS	**34**		

For graduation with a **Fashion Design-Patternmaker/Technical Design Certificate of Achievement:**

4. Complete each of the **REQUIRED COURSES** with a **minimum grade of** "**C**" and a cumulative grade point average of 2.5.
5. Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 17 units** of the required 34 must be **completed at Long Beach City College**. Credit earned by exam, where applicable, may be included.
6. *Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.*

For both the **Certificate of Achievement**, the following courses are recommended, **BUT ARE NOT REQUIRED** to earn either.

RECOMMENDED but not required courses:

ART 1 OR Art 2	Art & Civilization	3		
ART 15	Beginning Drawing	3		
FD 20	Intro to Fashion Merchandising	3		
FD 38B	Fashion Design II	3		
FD 38C	Fashion Design III	3		
FD 38D	Fashion Design IV	3		
FD 213	Textile Surface Design	1		
FD 230	Fashion Design Laboratory	.5		
FD 258	Swimwear	1		

Suggested Sequence of Classes

This is not an educational plan, as course offerings, student schedules, and circumstances vary. Students must meet all the prerequisites in order to be eligible for the sequence of courses.

A suggested, full-time sample sequence of courses to meet the unit requirement for the Career Certificate includes:

First Semester	Units	Second Semester	Units	Third Semester	Units	Fourth Semester	Units
COSA 1	1	FD 10	3	FD 5	2	FD 39	1
FD 3	2	FD 37	3	FD 27	2	FD 38A	3
FD 24	3	FD 244	1	FD 40	1	Semester Total	4
FD 36	3	FD 45	3	FD 21	2		
Semester Total	9	**Semester Total**	10	FD 244	1		
				Semester Total	**8**		

Program of study leading to:
Certificate of Achievement—Fashion Design: Wardrobe Designer/Stylist

REQUIRED ENTRY LEVEL COURSES:		UNITS	In Progress	Completed Grade
FD 9	Clothing Selection	3		
FD 10	Textile Fibers and Fabrics	3		
FD 24	Fundamentals of Apparel Construction	3		
FD 32	History of Fashion	3		
FD 41	Fashion Promotion	3		
FD 200	Trend Forecasting	1		
FD 210	Fashion Styling	2		
GBUS 25	Digital and Social Media	3		
	Subtotal Entry Level Units	**20.5**		

IN ADDITION, complete FIVE (5) units from the following:		UNITS		
ART 31	Fundamentals of Art/Composition & Color	3		
FD 21	Quick Sketch Croquis Drawing	2		
FD 45	Digital Fashion Illustration	3		
FD 213	Textile Surface Design	1		
FD 271WE	Work Experience-Fashion Design	1-4		
MGMT 80	Small Business Entrepreneurship	3		
	Subtotal Intermediate Level Units	**5**		
	TOTAL UNITS	**25.5**		

For graduation with a **Fashion Design: Wardrobe Design/Stylist Certificate of Achievement:**

1. Complete each of the **REQUIRED COURSES** listed above with a **minimum grade of** "**C**" and a minimum cumulative grade point average of 2.5.
2. Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 12.5 units** of the required 25.5 must be **completed at Long Beach City College**. Credit earned by exam, where applicable, may be included.
3. Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.

For the **Certificate of Achievement**, the following courses are recommended, **BUT ARE NOT REQUIRED**:
RECOMMENDED but not required courses:

ART 1 OR 2	Art & Civilization	3		
ART 15	Beginning Drawing	3		
FD 20	Intro to Fashion Merchandising	3		
FD 230	Fashion Design Laboratory	.5		
FD 213	Textile Surface Design	1		
FD 244	Computer Patternmaking	1		

Suggested Sequence of Classes

This is not an educational plan, as course offerings, student schedules, and circumstances vary. Students must meet all the prerequisites in order to be eligible for the sequence of courses.

A suggested, full-time sample sequence of courses to meet the unit requirement for the Career Certificate includes:

First Semester	Units	Second Semester	Units	Third Semester	Units
ART 1	1	FD 5	2	FD 272WE	1-4
FD 3	2	FD 10	3	FD 230	.5
FD 24	3	FD 25	3	FD 26	2
FD 36	3	FD 244 OR 45	1-1.5	**Semester Total**	**3.5- 6.5**
FD 27	1.5	FD 258	1		
Semester Total	**10.5**	**Semester Total**	**10-10.5**		
			10.5-11		

Program of study leading to:
Certificate of Completion: Fashion Design – Advanced Apparel Construction *4323*

Advanced Apparel Construction Required Major Coursework:		HOURS	In Progress	Completed Grade
FD 624	Fundamentals of Apparel Construction	90		
FD 625	Intermediate Apparel Construction	90		
FD 626	Advanced Sewing and Tailoring Techniques	72		
	TOTAL HOURS	**252**		

Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.

Program of study leading to:
Certificate of Completion: Fashion Design – Industrial Sewing and Factory Production Methods *4324*

Industrial Sewing and Factory Production Required Major Coursework:		HOURS	In Progress	Completed Grade
FD 624	Fundamentals of Apparel Construction	90		
FD 625	Intermediate Apparel Construction	90		
FD 627	Production Sewing	54		
	TOTAL HOURS	**234**		

Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.

Program of study leading to:
Certificate of Completion: Fashion Design – Swimwear Construction *4325*

Swimwear Construction Required Major Coursework:		HOURS	In Progress	Completed Grade
FD 624	Fundamentals of Apparel Construction	90		
FD 625	Intermediate Apparel Construction	90		
FD 658	Swimwear	36		
	TOTAL HOURS	**216**		

Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.

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<table>
<tr><td colspan="5" align="center">Program of study leading to:
Certificate of Completion: Fashion Design – Textile Surface Design <i>4326</i></td></tr>
<tr><td>Swimwear Construction Required Major Coursework:</td><td></td><td>HOURS</td><td>In Progress</td><td>Completed Grade</td></tr>
<tr><td>FD 624</td><td>Fundamentals of Apparel Construction</td><td>90</td><td></td><td></td></tr>
<tr><td>FD 613</td><td>Textile Surface Design</td><td>36</td><td></td><td></td></tr>
<tr><td>FD 630</td><td>Fashion Design Laboratory</td><td>27</td><td></td><td></td></tr>
<tr><td></td><td align="right">TOTAL HOURS</td><td>153</td><td></td><td></td></tr>
</table>

Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.

Career Opportunities

Fashion Design:
Students prepare for entry-level jobs in fashion design, production & manufacturing. This program also provides partial lower division preparation for the baccalaureate degree in Fashion Design.

Job Opportunities: Salary will depend on ability, experience and skills. With beginning starting salary ranging from: $10/hour - $25/hour. Designer, Production Manager, Pattern Drafter, Pattern Grader, Technical Designer, Quality Control, Shipping Manager, Sample-maker, Textile Designer, and Manufacturers Representative.

The Certificate of Achievement will prepare students for an entry-level position in the apparel design and manufacturing industry.

This Associate Degree will prepare students for career advancement once a certificate has been earned. Field of concentration selection will also facilitate transfer in a related major.

Fashion Design—Patternmaker:

Job Opportunities: Salary will depend on ability, experience and skills. Starting salary ranges from: $10/hour - $20/hour. Production Manager, Pattern Drafter, Pattern Grader, Quality Control, Samplemaker, Technical Designer.

Fashion Design—Samplemaker:

Job Opportunities: Salary will depend on ability, experience and skills. Starting salary range: $8/hour - $20/hour. Samplemaker, Sample Cutter, Quality Control.

Program Mission and Outcomes

The Associate in Science Degree, Fashion Design focuses on fundamental design principles and technical skills preparing students for an entry-level position in the field of fashion design, textile design, and trend forecasting. This foundational course of study introduces design principles and provides students with technical, practical and conceptual development skills. The degree introduces technology throughout the design process and prepares students to apply aesthetic principles and technical skills to execute a design from concept to finished garment. The degree may provide undergraduate requirements necessary for students wishing to transfer to a college or university in fashion design or related majors

- Demonstrate the ability to attain the Institutional Student Learning Outcomes (ISLOs).
- Analyze fashion trends and textiles, and develop technical skills for apparel production.
- Demonstrate the ability to construct garments that express creativity and apply design principles. And analyze form, silhouette, proportion, texture and drape of fabric to develop a fashion line for a target customer.

Certificate of Achievement, Fashion Design
The Certificate of Achievement, Fashion Design focuses on fundamental design principles and technical skills preparing students for entry-level position in the field of fashion design, textile design, and trend forecasting. This comprehensive course of study encompasses the breadth of design and provides students with skills to execute a design from concept to a finished garment. It focuses on incorporating technology throughout the design process, production processes, and includes specialty classes resulting in a professional design portfolio.

Program Student Learning Outcomes:
· Create an environment that promotes critical thinking, creativity, teamwork, soft skills, multicultural and global awareness that provides career opportunities in fashion.

· Analyze fashion trends and textiles, apply design principles and develop technical skills for apparel production.
· Compile a professional portfolio displaying a fashion collection.

Certificate of Achievement, Fashion Design: Custom Apparel Design
The Certificate of Achievement, Fashion Design: Custom Apparel Design prepares students for entry-level positions such as custom apparel designer, costume designer, samplemaker, seamstress, alterations specialist, and tailor. The certificate is designed to prepare students to apply aesthetic principles and technical skills to execute a design from concept to a finished garment. It focuses on custom design throughout the design process and provides the foundation for starting a small apparel business.

Program Student Learning Outcomes:
· Apply design principles and creativity to select appropriate fabrics for the construction of garments that include proper supportive fabrics and linings.
· Analyze garment specifications, fabric qualities, identification of seams and construction details to develop offshore technical packages.

Certificate of Achievement, Fashion Design: Patternmaker/Technical Design

The Certificate of Achievement, Patternmaker/Technical Design prepares students for entry-level positions in the field of technical design, patternmaking, production, sourcing and quality control. It focuses on incorporating technology throughout the development process of offshore technical packages, patternmaking, and garment construction.

Program Student Learning Outcomes:

- Create an environment that promotes critical thinking, creativity, teamwork, soft skills, multicultural and global awareness that provides career opportunities in fashion.

- Calculate measurements to develop patterns and to determine pattern adjustments to achieve proper fit. Analyze garment specifications, fabric qualities, package specifications, identification of seams, construction details, trims, and labels to develop offshore technical packages.

  Certificate of Achievement, Fashion Design: Wardrobe Designer/Stylist

  The Certificate of Achievement, Fashion Design: Wardrobe Designer/Stylist prepares students for entry-level positions in the field of fashion styling for retail, product advertising, celebrity styling and red-carpet events, wardrobe planning and film. This comprehensive course of study encompasses the breadth of styling, trend analysis, and contracts and budgeting.

- Program Student Learning Outcomes:

- · Analyze fashion trends and apply styling principles and budgeting skills to create a styled fashion photoshoot.

Certificate of Completion: Fashion Design – Advanced Apparel Construction

Student Learning Outcomes
- Use standard sewing machines, specialized sewing machines, and pressing equipment to execute construction of beginning through advanced level garments that include proper seam finishes, facings and linings, zipper applications and other types of closures.

- Demonstrate appropriate fabric selection, proper fabric layout and cutting techniques.

Certificate of Completion: Fashion Design – Industrial Sewing and Factory Production Methods

Student Learning Outcomes

- Demonstrate techniques for construction of woven and knit garments using specialized industrial machines and assembly line mass production methods.

Certificate of Completion: Fashion Design – Swimwear Construction

Student Learning Outcomes

- Execute swimwear products to industry standards demonstrating proper construction using standard sewing machines and specialized sewing machines.

- Demonstrate appropriate stretch fabric selection, proper fabric layout and cutting techniques and industry accepted construction of bra cups, elastic application and stretch ratios, joining and finishing of seams, straps and design options.

Certificate of Completion: Fashion Design – Textile Surface Design

Student Learning Outcomes
- Demonstrate techniques for construction of woven and knit garments and create hand designed textiles and garment embellishments.

Legend

† This course has a prerequisite. Prerequisite courses must be complete with at least a "C" or "P" grade. Refer to the General Catalog (http://www.lbcc.edu/cat/index.html), the Schedule of Classes (http://schedule.lbcc.edu/), or the online Credit Course Outline (http://wdb-asir.lbcc.edu/coursecurriculum/coursedetails/) for specific prerequisite information.

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(F) and (SP) denotes the semester recommended. F is for the Fall Semester and SP is for the Spring Semester.